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ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT





Applicant: Compex Systems Pte Ltd

No 9 Harrison Road, Harrison Industrial Building, #05-01,

Singapore 369651

Manufacturer: Compex Systems Pte Ltd

No 9 Harrison Road, Harrison Industrial Building, #05-01,

Singapore 369651

Product Name: WiFi 6 (802.11ax) 3x3 MU-MIMO Dual Band Module

Brand Name: Compex

Model No.: WLE3003HX

Model Difference: N/A

Report Number: TERF2308001891E2

FCC ID TK4WLE3003HX

IC: 7849A-WLE3003HX

Date of EUT Received: July 28, 2023

Date of Test: September 01, 2023~October 27, 2023

Issue Date: November 17, 2023

Approved By

We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. Central RF Lab The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10:2013 and the energy emitted by the sample EUT comply with FCC rule part §15.407, ISED RSS-247.

The results of this report relate only to the sample identified in this report.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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| Revision History | | | | | |
|------------------|----------|-------------|-------------------|---------------|--------|
| Report Number | Revision | Description | Issue Date | Revised By | Remark |
| TERF2308001891E2 | 00 | Original | November 17, 2023 | Violetta Tang | |
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Note:

1 . The remark "*" indicates modification of the report upon requests from certification body.

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GENERAL INFORMATION

| 1.1 Product Descrip | uon |
|---------------------|------------------------------------------------------------------|
| Product Name: | WiFi 6 (802.11ax) 3x3 MU-MIMO Dual Band Module |
| Brand Name: | Compex |
| Model No.: | WLE3003HX |
| Model Difference: | N/A |
| Firmware Version: | fw1_vx_dep_R81 |
| EUT Series No.: | WA23601021 |
| Power Supply: | 12Vdc |
| DFS Function: | ■ Master □ Slave |
| Platform | Product Name: Security appliance Brand Name: Model No.: V85RWL |

1.2 **DFS Firmware version:**



1.3 **Antenna Designation**

| Antenna Type | Supplier | Antenna Part No. | Freq. (MHz) | Peak Antenna Gain (dBi) |
|-----------------|----------|---------------------|----------------|----------------------------|
| | INPAQ | | 5150~5250 | 3.56 |
| Dinala | | DEDDA171200CDI D001 | 5250~5350 | 4.29 |
| Dipole | CO., LTD | RFDPA171300SBLB801 | 5475~5725 | 4.29 |
| | | | 5725~5825 | 3.77 |

Note:

- 1. Antenna information is provided by the applicant.
- 2. The device uses 3 antennas with the same specification mentioned above.

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1.4 Modulation & Data Rate

| | 64QAM, 16QAM, QPSK, BPSK for OFDM in 802.11a,11n | | |
|------------------|--------------------------------------------------|--|--|
| | 256QAM, 64QAM, 16QAM, QPSK, BPSK | | |
| Modulation type: | for OFDM in 802.11ac | | |
| | 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK | | |
| | for OFDMA in 802.11ax | | |
| | 802.11 a: 6 - 54 Mbps | | |
| | 802.11 n_20MHz: up to 216.6 Mbps | | |
| | 802.11 n_40MHz: up to 450 Mbps | | |
| | 802.11 ac_20MHz: up to 260.1 Mbps | | |
| | 802.11 ac_40MHz: up to 600 Mbps | | |
| Transition Rate: | 802.11 ac_80MHz: up to 1299.9 Mbps | | |
| | 802.11 ac_160MHz: up to 2600.1 Mbps | | |
| | 802.11 ax_20MHz: up to 430.2 Mbps | | |
| | 802.11 ax_40MHz: up to 860.4 Mbps | | |
| | 802.11 ax_80MHz: up to 1801.5 Mbps | | |
| | 802.11 ax_160MHz: up to 3603 Mbps | | |

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1.5 FCC:

| Wi-Fi | Frequency Range | Channels | Rated Power(Avg) (dBm) (Worst Case) | Modulation Technology |
|------------------|-----------------|----------|----------------------------------------|--------------------------|
| al | 5180~5240 | 4 | 20.37 dBm | OFDM |
| n_HT/ | 5260~5320 | 4 | 14.71 dBm | OFDM |
| ac_VHT/ ax_HE | 5500~5720 | 12 | 14.96 dBm | OFDM |
| 20M | 5745-5825 | 5 | 25.55 dBm | OFDM |
| n UT | 5190~5230 | 2 | 22.48 dBm | OFDM |
| n_HT ac_VHT/ | 5270~5310 | 2 | 17.40 dBm | OFDM |
| ax_HE 40M | 5510~5710 | 6 | 17.35 dBm | OFDM |
| 40101 | 5755-5795 | 2 | 26.18 dBm | OFDM |
| | 5210 | 1 | 15.18 dBm | OFDM |
| ac_VHT/ | 5290 | 1 | 14.37 dBm | OFDM |
| ax_HE 80M | 5530~5690 | 3 | 20.26 dBm | OFDM |
| | 5775 | 1 | 23.73 dBm | OFDM |
| ac_VHT/ ax_HE | 5250 | 1 | 14.40 dBm | OFDM |
| 160M | 5570 | 1 | 19.25 dBm | OFDMA |

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WLAN 5 GHz for ISED (Master)

| WLAN 5 GHz for ISEL | Frequency Range | Channels | EIRP/Avg | , | er(EIRP/Avg) /orst Case) | Modulation Technology |
|--------------------------|-----------------|----------|----------|-------|-----------------------------|--------------------------|
| | 5180~5240 | 4 | EIRP | 11.14 | dBm | OFDM |
| a/ | 5260~5320 | 4 | Avg | 14.71 | dBm | OFDM |
| n_HT/ | 5500~5700 | 9 | Avg | 14.96 | dBm | OFDM |
| ac_VHT/ ax_HE | 5720 (U-NII 2C) | 1 | Avg | 13.24 | dBm | OFDM |
| 20M | 5720 (U-NII 3) | 1 | Avg | 8.70 | dBm | OFDM |
| | 5745-5825 | 5 | Avg | 25.55 | dBm | OFDM |
| | 5190~5230 | 2 | EIRP | 13.68 | dBm | OFDM |
| n_HT | 5270~5310 | 2 | Avg | 17.40 | dBm | OFDM |
| ac_VHT/ | (*)5510~5670 | 4 | Avg | 17.29 | dBm | OFDM |
| ax_HE 40M | 5710 (U-NII 2C) | 1 | Avg | 17.13 | dBm | OFDM |
| 401/1 | 5710 (U-NII 3) | 1 | Avg | 8.42 | dBm | OFDM |
| | 5755-5795 | 2 | Avg | 26.18 | dBm | OFDM |
| | 5210 | 1 | EIRP | 13.65 | dBm | OFDM |
| | 5290 | 1 | Avg | 14.37 | dBm | OFDM |
| ac_VHT/ ax_HE | 5530~5610 | 2 | Avg | 20.27 | dBm | OFDM |
| 80M | 5690 (U-NII 2C) | 1 | Avg | 20.11 | dBm | OFDM |
| | 5690 (U-NII 3) | 1 | Avg | 8.92 | dBm | OFDM |
| | 5775 | 1 | Avg | 23.73 | dBm | OFDM |
| ac_VHT/ ax_HE 160M | 5250 | 1 | Avg | 14.40 | dBm | OFDM |

*Note: TDWR frequencies are not available in Canada.

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1.7 Test Methodology of Applied Standards

FCC Part 15, Subpart E §15.407 FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 RSS-247 issue 3 Aug. 2023

1.8 Test Facility

| Laboratory | Test Site Address | Test Site Name | FCC Designa- tion number | IC CAB identifier |
|-----------------|-------------------------------------------------------------------------|----------------|-----------------------------------------|----------------------|
| | | SAC 1 | | |
| | | SAC 2 | | |
| | | SAC 3 | | |
| | No 424 My Kung Dood Now Toingi | Conduction 1 | | |
| | No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New | Conducted 1 | T\\/0027 | |
| | Taipei City, Taiwan. | Conducted 2 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | TW3702 |
| | Taiper City, Taiwan. | Conducted 3 | TW0027 | |
| | | Conducted 4 | | |
| | | Conducted 5 | | |
| SGS Taiwan Ltd. | | Conducted 6 | | |
| Central RF Lab. | | Conduction C | | |
| (TAF code 3702) | | SAC C | | |
| | | SAC D | | |
| | | SAC G | | |
| | No 2 Koji 1et Pd. Cujeban Dietriet | Conducted A | | |
| | No.2, Keji 1st Rd., Guishan District, | Conducted B | TW0028 | |
| | Taoyuan City, Taiwan 333 | Conducted C | | |
| | | Conducted D | | |
| | | Conducted E | | |
| | | Conducted F | | |
| | | | | |

Note: Test site name is remarked on the equipment list in each section of this report as an indication where measurements occurred in specific test site and address.

1.9 Special Accessories

There are no special accessories used while test was conducted.

1.10 Equipment Modifications

There was no modification incorporated into the EUT.

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SUMMARY OF TEST RESULT

| FCC and ISED Rules | Description Of Test | Result |
|-------------------------------------------------------------|-------------------------|-----------|
| §15.407(h) FCC KDB 905462 D02 IC RSS-247 issue 3 §6.3 | TPC and DFS Measurement | Compliant |

| Test item | Result |
|----------------------------------------------------------------|-----------|
| RADAR TYPE WAVEFORM CALIBRATION AT DFS DETECTION THESHOLD | Compliant |
| CHANNEL CLOSING TRANSMISSION AND CHANNEL MOVE TIME MEASUREMENT | Compliant |
| DUTY CYCLE | Compliant |
| NON-OCCUPANCY PERIOD MEASUREMENT | Compliant |
| UNII DETECTION BANDWIDTH MEASUREMENT | Compliant |
| CHANNEL AVAILABILITY CHECK MEASUREMENT | Compliant |
| IN SERVICE MONITORING | Compliant |

MEASUREMENT UNCERTAINTY

| Test Items | U | Incertair | nty |
|-------------------------|-----|-----------|-----|
| TPC and DFS Measurement | +/- | 1.04 | Hz |
| Temperature | +/- | 0.7 | °C |
| Humidity | +/- | 3 | % |
| DC / AC Power Source | +/- | 1 | % |

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

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4 TPC AND DFS MEASUREMENT

4.1 TPC Requirements

According to Part 15.407 (h)(1) Transmit power control (TPC). U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725 GHz band shall employ a TPC mechanism. The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm. A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW.

Result: N/A, e.i.r.p is less then 500 mW, TPC is not required.

4.2 DFS: Standard Applicable

According to §15.407(h)(2) and FCC KDB 905462 D02, Radar Detection Function of Dynamic Frequency Selection (DFS).

Radar Detection Function of Dynamic Frequency Selection (DFS). U-NII devices operating with any part of its 26 dB emission bandwidth in the 5.25-5.35 GHz and 5.47-5.725 GHz bands shall employ a DFS radar detection mechanism to detect the presence of radar systems and to avoid co-channel operation with radar systems. Operators shall only use equipment with a DFS mechanism that is turned on when operating in these bands. The device must sense for radar signals at 100 percent of its emission bandwidth. The minimum DFS detection threshold for devices with a maximum e.i.r.p. of 200 mW to 1 W is -64 dBm. For devices that operate with less than 200 mW e.i.r.p. and a power spectral density of less than 10 dBm in a 1 MHz band, the minimum detection threshold is -62 dBm. The detection threshold is the received power averaged over 1 microsecond referenced to a 0 dBi antenna. For the initial channel setting, the manufacturers shall be permitted to provide for either random channel selection or manual channel selection.

- (i) Operational Modes. The DFS requirement applies to the following operational modes:
 - (a) The requirement for channel availability check time applies in the master operational mode.
 - (b) The requirement for channel move time applies in both the master and slave operational modes.
- (ii) Channel Availability Check Time. A U-NII device shall check if there is a radar system already operating on the channel before it can initiate a transmission on a channel and when it has to move to a new channel. The U-NII device may start using the channel if no radar signal with a power level greater than the interference threshold values listed in paragraph (h)(2) of this section, is detected within 60 seconds.
- (iii) Channel Move Time. After a radar's presence is detected, all transmissions shall cease on the operating channel within 10 seconds. Transmissions during this period shall consist of normal traffic for a maximum of 200 ms after detection of the radar signal. In addition, intermittent management and control signals can be sent during the remaining time to facilitate vacating the operating channel.

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Non-occupancy Period. A channel that has been flagged as containing a radar system,

either by a channel availability check or in-service monitoring, is subject to a non-occupancy period of at least 30 minutes. The non-occupancy period starts at the time when the radar system is detected.

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5 APPLICABLE STANDARDS

Table 1: Applicability of DFS requirements prior to use of a channel

| Doguiroment | Operational Mode | | | |
|---------------------------------|------------------|---------------------------------|--|--|
| Requirement | | ☐ Client (with radar detection) | | |
| Non-occupancy Period | Yes | Yes | | |
| DFS Detection Threshold | Yes | Yes | | |
| Channel Availability Check Time | Yes | Not required | | |
| U-NII Detection Bandwidth | Yes | Yes | | |

Table 2: Applicability of DFS requirements during normal operation

| Paguiroment | Operational Mode | | | | | |
|----------------------------------|----------------------------------------------|--|--|--|--|--|
| Requirement | Master Device or Client with Radar Detection | | | | | |
| DFS Detection Threshold | Yes | | | | | |
| Cannel Closing Transmission time | Yes | | | | | |
| Channel Move time | Yes | | | | | |
| U-NII Detection Bandwidth | Yes | | | | | |

| Additional requirements for devices with multiple bandwidth mode | Master Device or Client with Radar Detection |
|------------------------------------------------------------------|----------------------------------------------|
| U-NII Detection Bandwidth and Statistical Performance Check | All BW modes must be tested |
| Channel Move Time and Channel Closing Transmission Time | Test using widest BW mode available |
| All other tests | Any single BW mode |

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.

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Table 3: Interference Threshold values, Master or Client incorporating In-Service Monitoring

| Maximum Transmit Power | Value (See Notes 1, 2, and 3) |
|------------------------------------------------------------------------------|----------------------------------|
| EIRP ≥ 200 milliwatt | -64 dBm |
| EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz | -62 dBm |
| EIRP < 200 milliwatt that do not meet the power spectral density requirement | -64 dBm |

Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.

Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.

Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.

Table 4: DFS Response requirement values

| Parameter | Value |
|-----------------------------------|----------------------------------------------------|
| Non-occupancy period | Minimum 30 minutes |
| Channel Availability Check Time | 60 seconds |
| Channel Move Time | 10 seconds |
| Chamle Move Time | See Note 1. |
| | 200 milliseconds + an aggregate of 60 milliseconds |
| Channel Closing Transmission Time | over remaining 10 second period. |
| | See Notes 1 and 2. |
| U-NII Detection Bandwidth | Minimum 100% of the U-NII 99% transmission power |
| 0-Nii Detection Bandwidti | bandwidth. See Note 3. |

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

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Table 5: Radar Test Waveforms Short Pulse Radar

| uise itauai | | | | | | | | | | |
|-------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------|------------|--|--|--|--|--|
| Radar | Pulse | PRI | Number of Pulses | Minimum | Minimum | | | | | |
| Type | Width | (µsec) | | Percentage of | Number | | | | | |
| | (µsec) | | | Successful | of | | | | | |
| | | | | Detection | Trials | | | | | |
| 0 | 1 | 1428 | 18 | See Note 1 | See Note | | | | | |
| | | | | | 1 | | | | | |
| 1 | 1 | 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 | Roundup $ \left\{ \left(\frac{1}{360} \right) \cdot \left(\frac{19 \cdot 10^6}{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 | | | | | | | | | | |
| | | | ised for the detection ba | ndwidth test ch | annel move | | | | | |

Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.

Long Pulse Radar

| | 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 |
|---|---------------|--------------------------|-------------------------|---------------|----------------------------------|---------------------|--------------------------------------------|--------------------------------|
| Ì | 5 | 50-100 | 5-20 | 1000- 2000 | 1-3 | 8-20 | 80% | 30 |

Frequency Hopping Radar

| - | - J | P P 3 - | | | | | | | |
|---|------------|---------|--------|--------|---------|-----------------------------|-----------|---------|--|
| | Radar | Pulse | PRI | Pulses | Hopping | Hopping | Minimum | Minimum | |
| | Type | Width | (µsec) | per | Rate | Rate Sequence Percentage of | | | |
| | | (µsec) | | Hop | (kHz) | Length Successful | | Trials | |
| | | | | | | (msec) | Detection | | |
| | 6 | 1 | 333 | 9 | 0.333 | 300 70% | | 30 | |

The applicant of this given application confirms that information regarding the parameters of the detected Radar Waveforms is not available to the end user.

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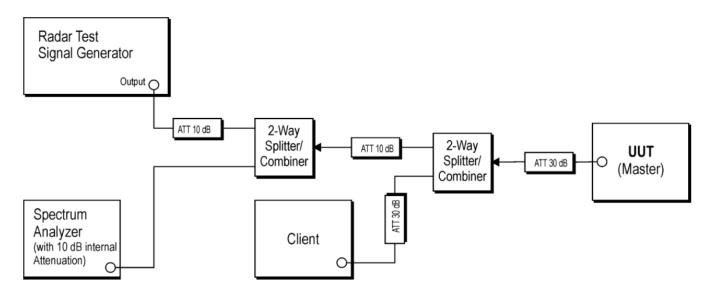
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Setup for Master with injection at the Master



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7 TEST EQUIPMENT USED:

| Conducted Emission Test Site: Conducted A | | | | | | | | | | | |
|-------------------------------------------|---------------------|----------------------------------------|-----------------------------------------|------------|------------|--|--|--|--|--|--|
| EQUIPMENT TYPE | MFR | MODEL NUMBER | SERIAL NUMBER | LAST CAL. | CAL DUE. | | | | | | |
| Spectrum Analyzer | KEYSIGHT | N9010B | MY59071570 | 06/15/2023 | 06/14/2024 | | | | | | |
| Signal Generator | Keysight | N5182B | MY59101143 | 02/22/2023 | 02/21/2024 | | | | | | |
| Test Software | SGS Taiwan | Dynamic Frequency Selection Test | Ver. 23.03.08 | N.C.R | N.C.R | | | | | | |
| Attenuator | ator KEYSIGHT 11716 | | 8494B TH61352678+8496B TH61353537 | 11/16/2022 | 11/15/2023 | | | | | | |
| Splitter | RF-LAMBDA | RFLT4W1G18G | 16080500173 | 11/16/2022 | 11/15/2023 | | | | | | |
| Splitter | RF-LAMBDA | RFLT2W1G18G | 18112200217 | 11/16/2022 | 11/15/2023 | | | | | | |
| Splitter | RF-LAMBDA | RFLT2W1G18G | 21032900016 | 11/16/2022 | 11/15/2023 | | | | | | |
| Client | Intel | AX211NGW | 22.150.0.3 | N/A | N/A | | | | | | |
| Notebook | HP | HQ-TRE.71025 | P0003870 | N/A | N/A | | | | | | |
| Notebook | Lenovo | L480 | P0002159 | N/A | N/A | | | | | | |

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8 DESCRIPTION OF EUT:

EUT is a Master device with radar detection and DFS capability.

Timing plots are required with calculations demonstrating a minimum channel loading of approximately 17% or greater.

The rated output power of the master unit is $\geq 23 \text{dBm}(\text{EIRP})$. therefore the required interference threshold level is -64dBm. after correction for antenna gain and procedural adjustments, the required conducted threshold at the antenna port is -64dBm.

The rated output power of the master unit is <23 dBm(EIRP).therefore the required interference threshold level is -62dBm.after correction for antenna gain and procedural adjustments, the required threshold at the antenna port is -62dBm.

DFS Detection Threshold (dBm) = -64 + G (dBi), for conducted test.

| DFS Detection Threshold (dBm) | Minimum of Peak Antenna | Threshold for test (dBm) |
|-------------------------------|-------------------------|--------------------------|
| | Gain (dBi) | |
| -64 | 1.48 | -62.52 |

While calibrate the path on antenna port of DFS test equipment (master), measurements equipments (spectrum) is ensured to be 50 Ohms, and therefore verification on antenna gain measurement can be ignored.

The EUT uses one transmitter/receiver chains and one receive only chain, each connected to an antenna to perform radiated tests.

The Slave device associated with the EUT during these tests does not have radar detection capability.

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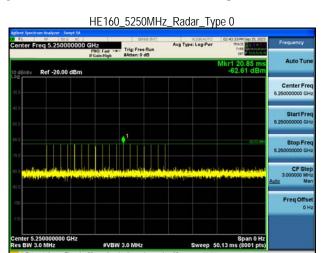
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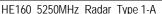
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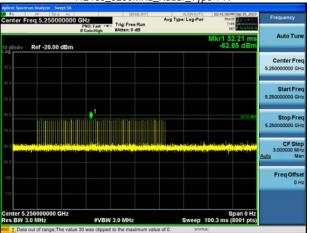


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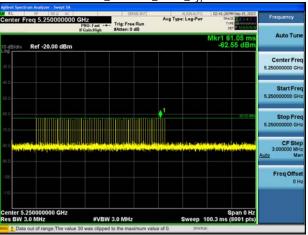
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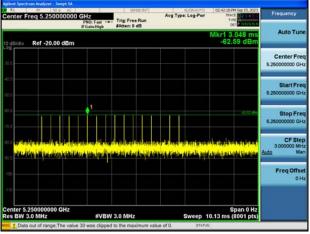
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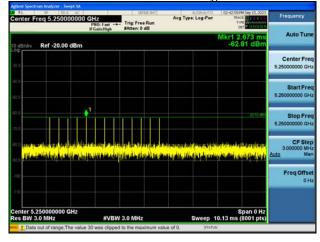
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HE160 5250MHz Radar Type 3



HE160_5250MHz_Radar_Type 4



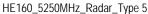
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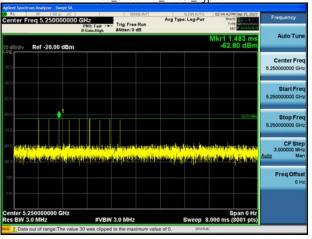


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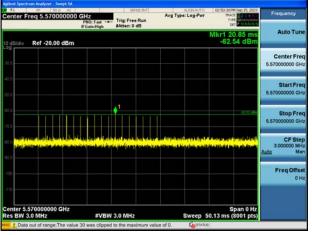




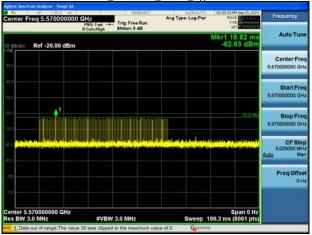
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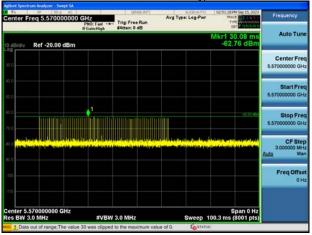
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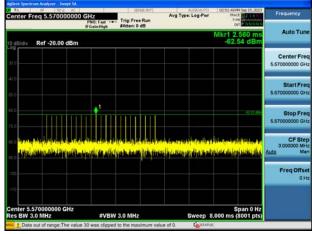
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HE160_5570MHz_Radar_Type 1-B



HE160_5570MHz_Radar_Type 2



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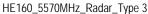
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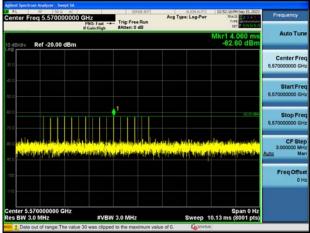
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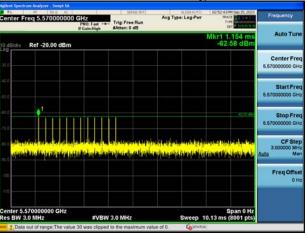


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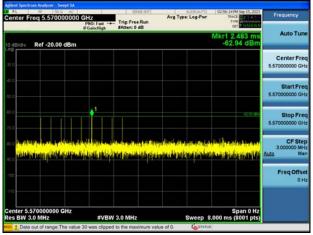
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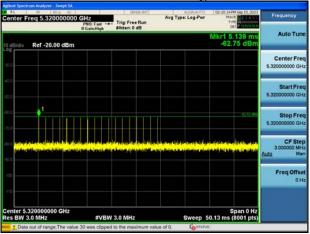
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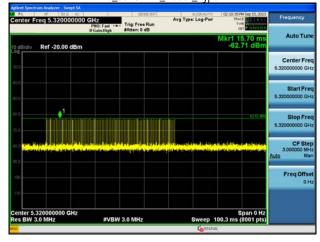
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HE20_5320MHz_Radar_Type 1-A



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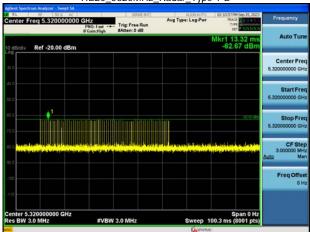
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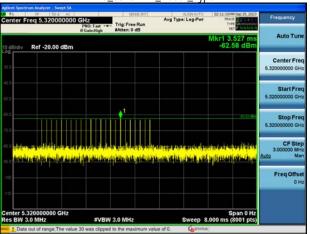


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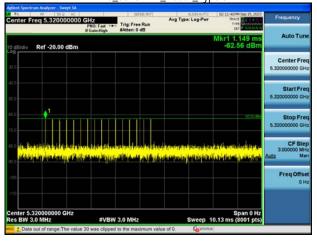




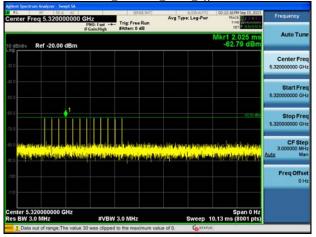
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HE20_5320MHz_Radar_Type 3



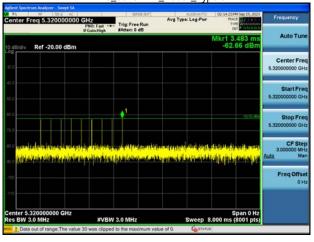
HE20_5320MHz_Radar_Type 4



HE20_5320MHz_Radar_Type 5



HE20_5320MHz_Radar_Type 6



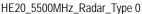
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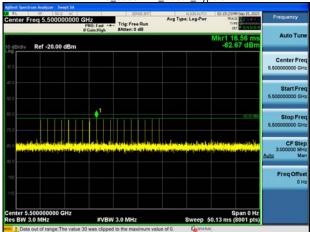
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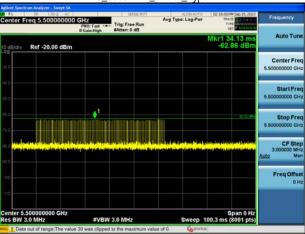


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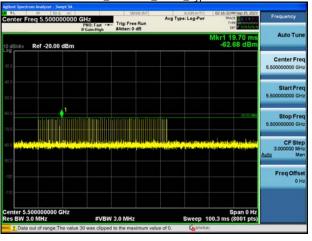




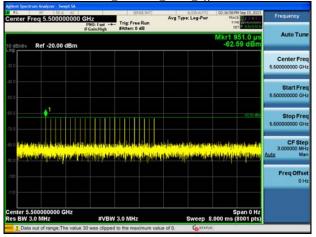
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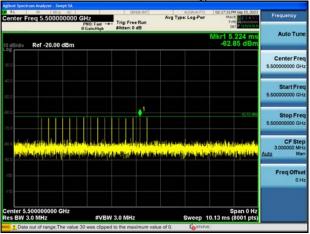
HE20_5500MHz_Radar_Type 1-B



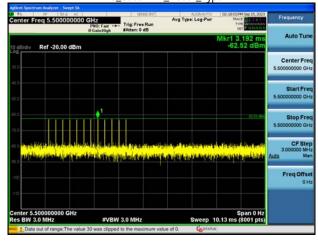
HE20_5500MHz_Radar_Type 2



HE20_5500MHz_Radar_Type 3



HE20_5500MHz_Radar_Type 4



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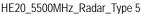
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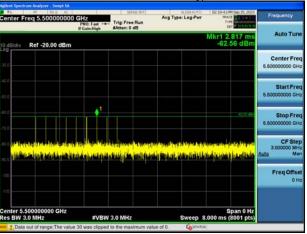


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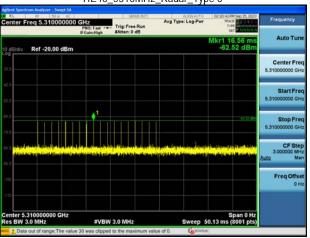




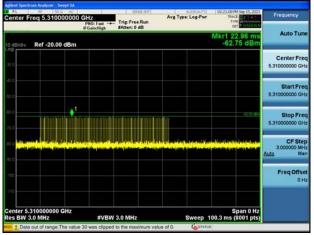
HE20_5500MHz_Radar_Type 6



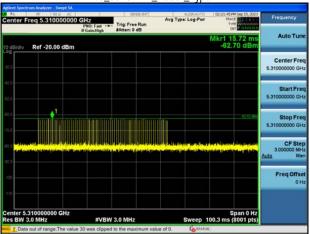
HE40_5310MHz_Radar_Type 0



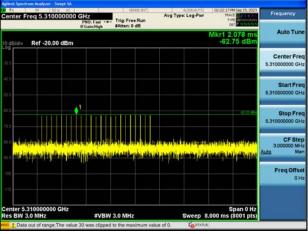
HE40_5310MHz_Radar_Type 1-A



HE40_5310MHz_Radar_Type 1-B



HE40_5310MHz_Radar_Type 2



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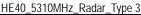
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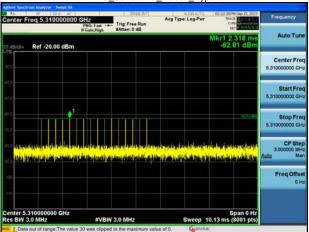
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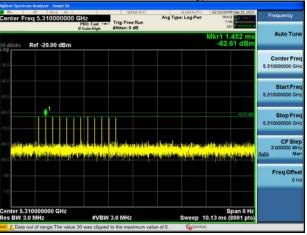


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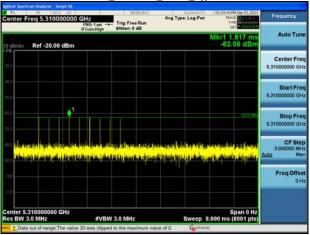
HE40_5310MHz_Radar_Type 4



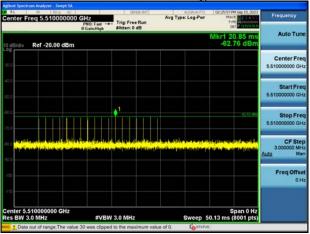
HE40_5310MHz_Radar_Type 5



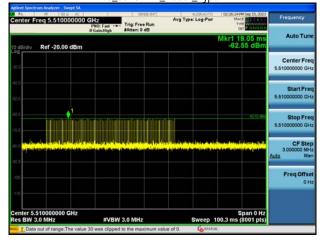
HE40_5310MHz_Radar_Type 6



HE40_5510MHz_Radar_Type 0



HE40_5510MHz_Radar_Type 1-A



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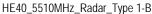
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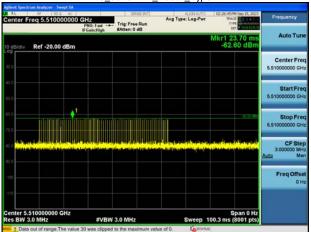
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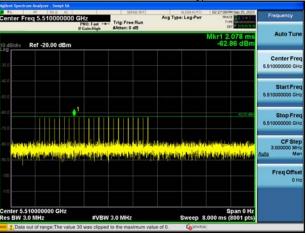


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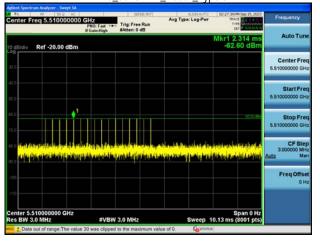




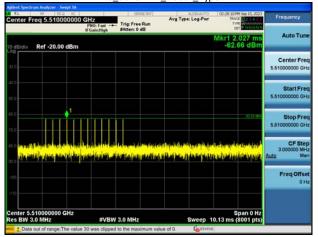
HE40_5510MHz_Radar_Type 2



HE40_5510MHz_Radar_Type 3



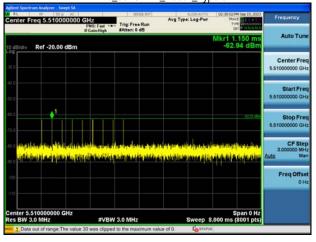
HE40_5510MHz_Radar_Type 4



HE40_5510MHz_Radar_Type 5



HE40_5510MHz_Radar_Type 6



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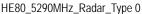
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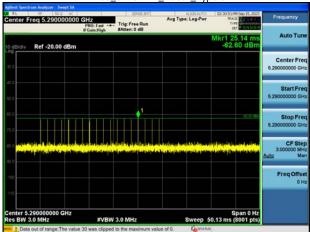
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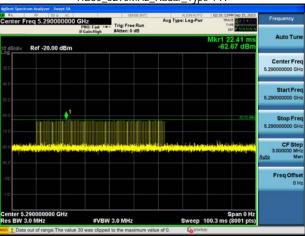


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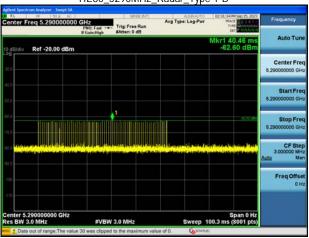




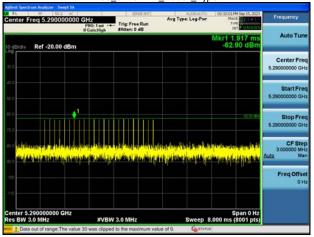
HE80_5290MHz_Radar_Type 1-A



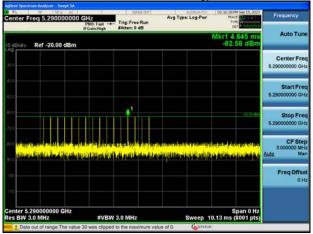
HE80_5290MHz_Radar_Type 1-B



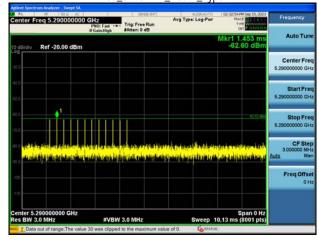
HE80_5290MHz_Radar_Type 2



HE80_5290MHz_Radar_Type 3



HE80_5290MHz_Radar_Type 4



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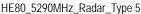
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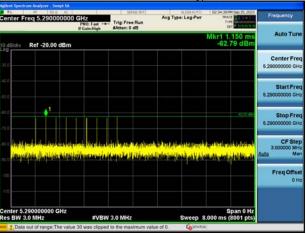


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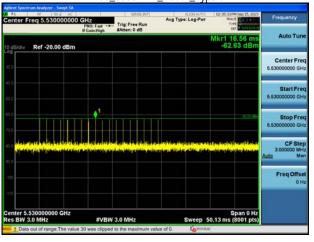




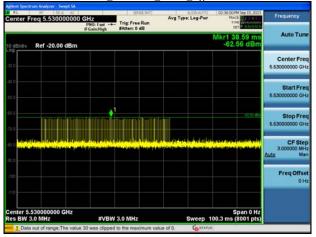
HE80_5290MHz_Radar_Type 6



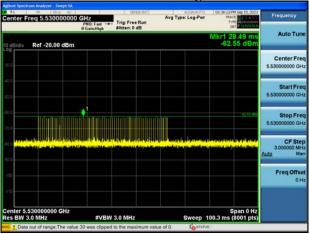
HE80_5530MHz_Radar_Type 0



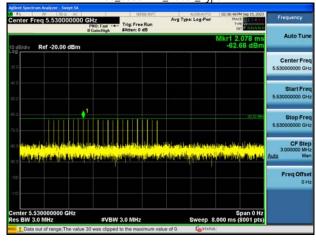
HE80_5530MHz_Radar_Type 1-A



HE80_5530MHz_Radar_Type 1-B



HE80_5530MHz_Radar_Type 2



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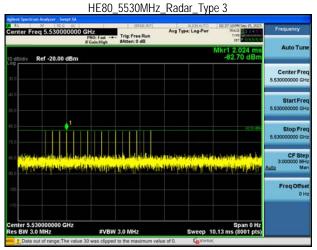
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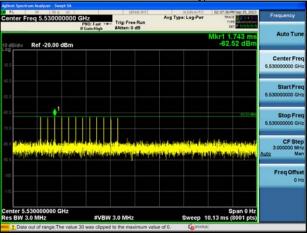


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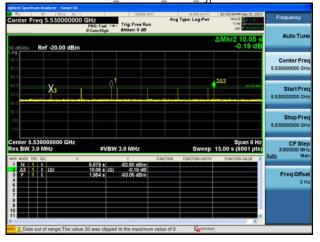
HE80_5530MHz_Radar_Type 6

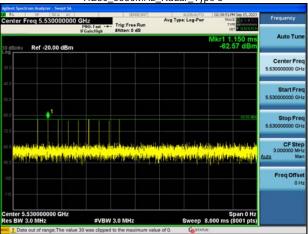






HE80_5530MHz_Radar_Type 5





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10 CHANNEL CLOSING TRANSMISSION AND CHANNEL MOVE TIME MEAS-UREMENT (RADAR TYPE 0)

| Channel Shutdown Result | | | | | | | | | | | |
|-------------------------|--------------------|----------------------|-------------------------------------------|---------|--------------|---------|--|--|--|--|--|
| Minim | um of Peak Anten | | 1. | 48 | | | | | | | |
| Detecti | ion Threshold Leve | el (dBm) | -64 + Minimum of Peak Antenna Gain=-62.52 | | | | | | | | |
| Modulation Mode | Freq. (MHz) | Radar Test Signal | Channel Clo Transmission T 200ms~10 | ime(ms) | Channel Move | Time(s) | | | | | |
| HE160 | 5250 | Type 0 | 0 | | 0.000 | | | | | | |
| HE160 | 5570 | Type 0 | 2 | 0.488 | | | | | | | |
| | Limit | • | 60 | ms | 10 | sec | | | | | |
| | Result | | | Com | plied | | | | | | |

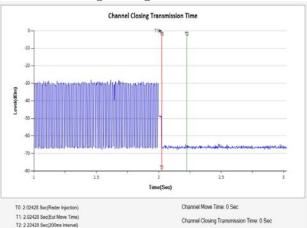
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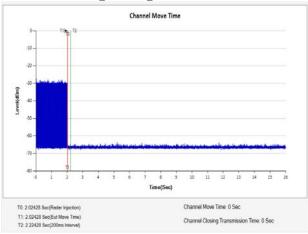
SGS Taiwan Ltd.



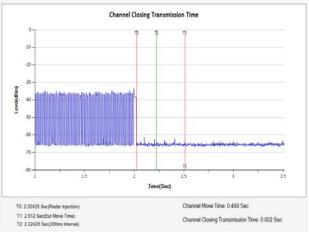
HE160_5250MHz_Channel Close Time



HE160_5250MHz_Channel Move Time



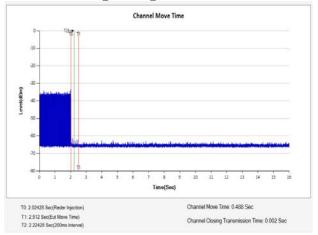
HE160_5570MHz_Channel Close Time



Report No.: TERF2308001891E2

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HE160_5570MHz_Channel Move Time



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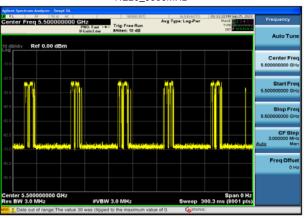
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HE20 5320MHz



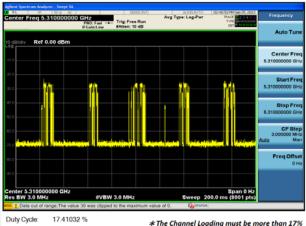
Duty Cycle 18.14773 % **★The Channel Loading must be more than 17%**

HE20 5500MHz

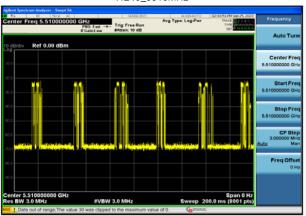


Duty Cycle 18.76015 % **★The Channel Loading must be more than 17%**

HE40 5310MHz

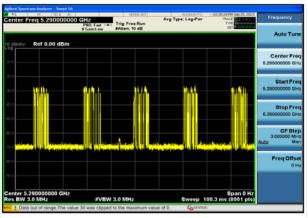


HE40 5510MHz



Duty Cycle 18.09774 % **★The Channel Loading must be more than 17%**

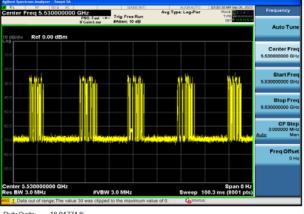
HE80 5290MHz



Duty Cycle: 18.62267 %

★The Channel Loading must be more than 17%

HE80 5530MHz



Duty Cycle: 18.04774 % *The Channel Loading must be more than 17%

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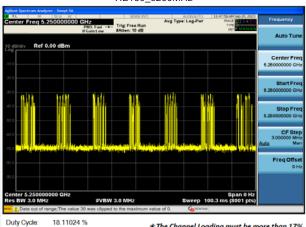
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f (886-2) 2298-0488



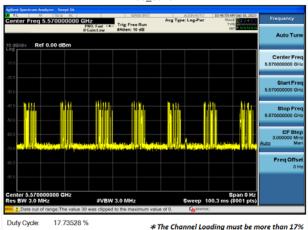
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HE160_5250MHz



HE160_5570MHz

★The Channel Loading must be more than 17%



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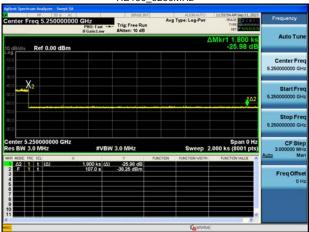


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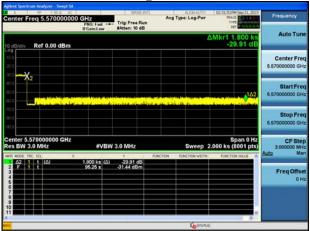
12 NON-OCCUPANCY PERIOD MEASUREMENT

To verify whether channel is unavailable to be operated in 30 minutes. 1.8ks = 1800s = 1800 s/min /60 = 30minute

HE160_5250MHz



HE160_5570MHz



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13 UNII DETECTION BANDWIDTH MEASUREMENT

13.1 Test Result

EUT operating : 5320 EUT 99% Bandwidth(MHz) : 18.656

Frequency(MHz)

Radar Type : Type 0 Detection BW(MHz) : 20

Test Result : Pass

FH: 5330 FL: 5310

| B. I'. F. | DFS Detection Trials (1=Detection, 0= No Detection) | | | | | | | | | | |
|--------------------------|-----------------------------------------------------|---|---|---|---|---|---|---|---|----|--------------------|
| Radio Frequency (MHz) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Detection Rate (%) |
| 5310 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5315 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5320 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5325 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5330 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |

EUT operating : 5500 EUT 99% Bandwidth(MHz) : 18.975

Frequency(MHz)

Radar Type : Type 0 Detection BW(MHz) : 20

Test Result : Pass 💥 FH: 5510 FL: 5490

| DFS Detection Trials (1=Detection, 0= No Detection) | | | | | | | | | | | |
|-----------------------------------------------------|---|---|---|---|---|---|---|---|---|----|--------------------|
| Radio Frequency (MHz) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Detection Rate (%) |
| 5490 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5495 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5500 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5505 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5510 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |

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EUT operating : 5310 EUT 99% Bandwidth(MHz) : 37.636

Frequency(MHz)

Radar Type : Type 0 Detection BW(MHz) : 40

Test Result : Pass 🔆 FH: 5330 FL: 5290

| Radio Frequency (MHz) | DFS Detection Trials (1=Detection, 0= No Detection) | | | | | | | | | | |
|--------------------------|-----------------------------------------------------|---|---|---|---|---|---|---|---|----|--------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Detection Rate (%) |
| 5290 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5295 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5300 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5305 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5310 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5315 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5320 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5325 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5330 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |

EUT operating : 5510 EUT 99% Bandwidth(MHz) : 37.397 Frequency(MHz)

Radar Type : Type 0 Detection BW(MHz) : 40

Test Result : Pass **※** FH: 5530 FL: 5490

| D. I'. 5 | DFS Detection Trials (1=Detection, 0= No Detection) | | | | | | | | | | |
|--------------------------|-----------------------------------------------------|---|---|---|---|---|---|---|---|----|--------------------|
| Radio Frequency (MHz) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Detection Rate (%) |
| 5490 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5495 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5500 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5505 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5510 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5515 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5520 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5525 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5530 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |

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EUT operating : 5290 EUT 99% Bandwidth(MHz) : 70.460

Frequency(MHz)

Radar Type : Type 0 Detection BW(MHz) : 80

Test Result : Pass 💥 FH: 5330 FL: 5250

| rest Result | • | Pass | | ** | гп. | 5550 | | FL: | 5250 | | |
|--------------------------|-----------------------------------------------------|------|---|----|-----|------|---|-----|------|----|--------------------|
| Dadia Francisco | DFS Detection Trials (1=Detection, 0= No Detection) | | | | | | | | | | |
| Radio Frequency (MHz) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Detection Rate (%) |
| 5250 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5255 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5260 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5265 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5270 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5275 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5280 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5285 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5290 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5295 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5300 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5305 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5310 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5315 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5320 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5325 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5330 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |

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EUT operating 5530 **EUT 99% Bandwidth(MHz)** 75.601

Frequency(MHz)

Detection BW(MHz) Radar Type Type 0 80

Test Result FH: 5570 FL: 5490 **Pass**

| rest Result | • | Pass | | ** | гп. | 55/0 | | FL: | 5450 | | |
|--------------------------|---|------|--------|----------|-----------|----------|----------|---------|------|----|--------------------|
| Dedie Freezensen | | DFS | Detect | ion Tria | als (1=De | etection | ı, 0= No | Detecti | on) | | |
| Radio Frequency (MHz) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Detection Rate (%) |
| 5490 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 90 |
| 5495 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5500 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5505 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5510 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5515 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5520 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5525 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5530 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 90 |
| 5535 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5540 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5545 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5550 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5555 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5560 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5565 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5570 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 90 |

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EUT operating : 5290 EUT 99% Bandwidth(MHz) : 75.590

Frequency(MHz)

Radar Type

: Type 0 Detection BW(MHz) : 80

Test Result : Pass 💥 FH: 5330 FL: 5250

| rest Result | : | Pass | | ** | FM: | 5330 | | FL: | 5250 | | |
|--------------------------|---|------|--------|----------|-----------|----------|----------|---------|------|----|--------------------|
| Dadia Francisco | | DFS | Detect | ion Tria | als (1=De | etection | ı, 0= No | Detecti | on) | | |
| Radio Frequency (MHz) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Detection Rate (%) |
| 5250 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5255 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5260 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 90 |
| 5265 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5270 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5275 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5280 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5285 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5290 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5295 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5300 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5305 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5310 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5315 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5320 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5325 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5330 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |

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EUT operating 5570 **EUT 99% Bandwidth(MHz)** 155.040

Frequency(MHz)

Detection BW(MHz) Radar Type Type 0 160

Test Result * FH: 5650 FL: 5490 **Pass**

| lest Result | : | Pass | | * | FH: | 5650 | | FL: | 5490 | | |
|-----------------|---|------|--------|----------|---------|----------|----------------|---------|------|----|-----------------------|
| Radio Frequency | | DFS | Detect | ion Tria | ls (1=D | etection | <u>, 0= No</u> | Detecti | ion) | | |
| (MHz) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Detection Rate (%) |
| 5490 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5495 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5500 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5505 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5510 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5515 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5520 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5525 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5530 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5535 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5540 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5545 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5550 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5555 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5560 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5565 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5570 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5575 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5580 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5585 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5590 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5595 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5600 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5605 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5610 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 90 |
| 5615 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5620 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5625 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5630 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5635 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5640 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5645 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5650 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |

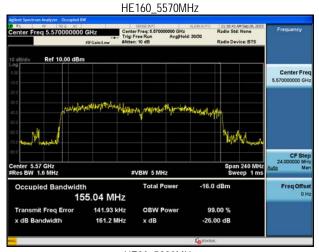
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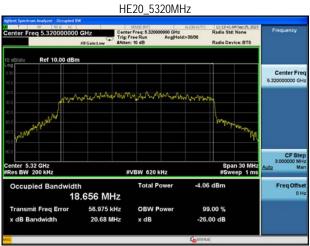
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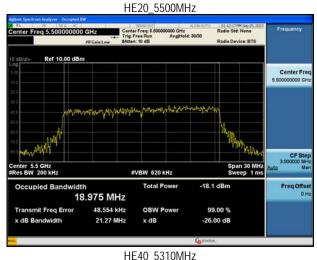


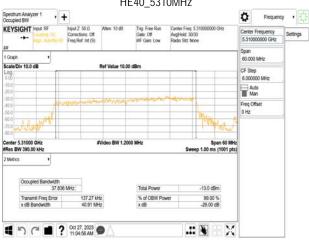
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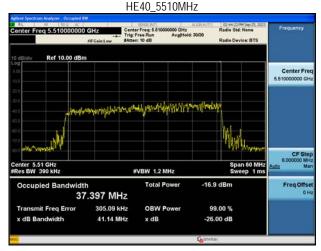
HE160_5250MHz Radio Std: None Ref 10,00 dBm Center Fre CFS Span 240 MH Sweep 1 m #VBW 5 MH -18.0 dBn 151.18 MHz -2.9468 MHz 99.00 % x dB Bandwidth 193.6 MHz x dB -26.00 dB











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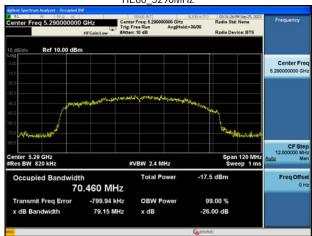
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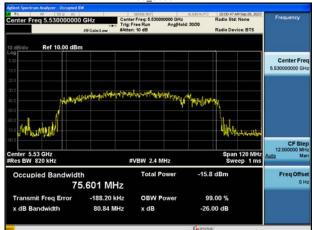


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HE80_5290MHz







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14 CHANNEL AVAILABILITY CHECK MEASUREMENT

HE160_5250MHz_Radar Intial Time.png

| Society | August |

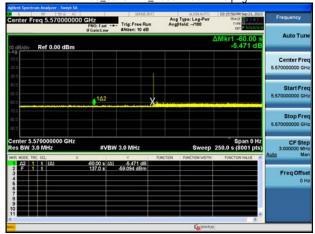




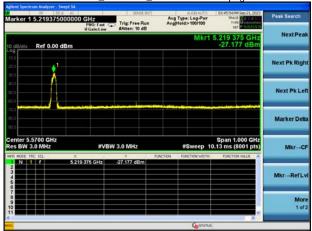
HE160_5250MHz_Radar Type 0_02.png



HE160_5570MHz_Radar Intial Time.png



HE160_5570MHz_Radar Side band.png



HE160_5570MHz_Radar Type 0_01.png



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HE160_5570MHz_Radar Type 0_02.png



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15 IN SERVICE MONITORING

HE160 5250MHz

| Short Pulse Radar Type | Minimum Number of Trials | Detection(%) | | Minmum Percentage of Successful Detection(%) | Pass/Fail |
|---------------------------------|------------------------------------------|----------------------|-----------------------|----------------------------------------------|-----------|
| 1 | 30 | 1 | 00 | 60 | Pass |
| 2 | 30 | 1 | 00 | 60 | Pass |
| 3 | 30 | 1 | 00 | 60 | Pass |
| 4 | 30 | 1 | 00 | 60 | Pass |
| Aggregate (Radar Types 1-4) | 120 | 1 | 00 | 80 | Pass |
| Long Pulse Radar Type | Minimum Number of Trials | Each Detection(%) | Total Detection(%) | Minmum Percentage of Successful Detection(%) | Pass/Fail |
| 5 | Center:10 Low Edge:10 High Edge:10 | 100 100 100 | 100 | 80 | Pass |
| Frequency Hopping Radar Type | Minimum Number of Trials | Detection(%) | | Minmum Percentage of Successful Detection(%) | Pass/Fail |
| 6 | 30 | 1 | 00 | 70 | Pass |

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Radar Type1 for 5250MHz

Data Sheet for FCC Radar Type 1

| Trial | VSG Freqency (MHz) | Pulse Repetition Frequency | Pulse Repetition Frequency | PRI | Test A/B | Successful Detection |
|-------|--------------------------|-------------------------------|-------------------------------|--------|----------|-------------------------|
| | (141112) | Number (1 to 23) | (Pulses Per Second) | (msec) | A/B | (Yes/No) |
| 1 | 5250 | 12 | 1355 | 738 | Α | Yes |
| 2 | 5250 | 13 | 1319.3 | 758 | Α | Yes |
| 3 | 5250 | 1 | 1930.5 | 518 | Α | Yes |
| 4 | 5250 | 3 | 1792.1 | 558 | Α | Yes |
| 5 | 5250 | 4 | 1730.1 | 578 | Α | Yes |
| 6 | 5250 | 23 | 326.2 | 3066 | Α | Yes |
| 7 | 5250 | 14 | 1285.3 | 778 | Α | Yes |
| 8 | 5250 | 10 | 1432.7 | 698 | Α | Yes |
| 9 | 5250 | 17 | 1193.3 | 838 | Α | Yes |
| 10 | 5250 | 16 | 1222.5 | 818 | Α | Yes |
| 11 | 5250 | 21 | 1089.3 | 918 | Α | Yes |
| 12 | 5250 | 20 | 1113.6 | 898 | Α | Yes |
| 13 | 5250 | 18 | 1165.5 | 858 | Α | Yes |
| 14 | 5250 | 11 | 1392.8 | 718 | Α | Yes |
| 15 | 5250 | 9 | 1474.9 | 678 | Α | Yes |
| 16 | 5250 | - | 374.5 | 2670 | В | Yes |
| 17 | 5250 | - | 1579.8 | 633 | В | Yes |
| 18 | 5250 | - | 800 | 1250 | В | Yes |
| 19 | 5250 | - | 460 | 2174 | В | Yes |
| 20 | 5250 | - | 454.8 | 2199 | В | Yes |
| 21 | 5250 | - | 504 | 1984 | В | Yes |
| 22 | 5250 | - | 1901.1 | 526 | В | Yes |
| 23 | 5250 | - | 463.6 | 2157 | В | Yes |
| 24 | 5250 | - | 594.9 | 1681 | В | Yes |
| 25 | 5250 | - | 1015.2 | 985 | В | Yes |
| 26 | 5250 | - | 570.5 | 1753 | В | Yes |
| 27 | 5250 | - | 978.5 | 1022 | В | Yes |
| 28 | 5250 | - | 1171 | 854 | В | Yes |
| 29 | 5250 | - | 754.7 | 1325 | В | Yes |
| 30 | 5250 | - | 839.6 | 1191 | В | Yes |

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Radar Type2 for 5250MHz

Data Sheet for FCC Radar Type 2

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (23-29) | Pulse Width (1-5) | PRI (150-230) | Successful Detection |
|-------|-----------------------|------------------------------------------|----------------------|------------------|-------------------------|
| | | (23-29) | (μs) | (μs) | (Yes/No) |
| 1 | 5250 | 24 | 1.7 | 181 | Yes |
| 2 | 5250 | 28 | 4.4 | 176 | Yes |
| 3 | 5250 | 26 | 3.2 | 203 | Yes |
| 4 | 5250 | 23 | 1.5 | 156 | Yes |
| 5 | 5250 | 29 | 4.8 | 214 | Yes |
| 6 | 5250 | 24 | 1.7 | 217 | Yes |
| 7 | 5250 | 28 | 3.9 | 201 | Yes |
| 8 | 5250 | 29 | 4.9 | 153 | Yes |
| 9 | 5250 | 28 | 3.9 | 198 | Yes |
| 10 | 5250 | 28 | 4.1 | 182 | Yes |
| 11 | 5250 | 29 | 4.9 | 183 | Yes |
| 12 | 5250 | 23 | 1.2 | 179 | Yes |
| 13 | 5250 | 28 | 4 | 228 | Yes |
| 14 | 5250 | 27 | 3.8 | 185 | Yes |
| 15 | 5250 | 24 | 1.8 | 160 | Yes |
| 16 | 5250 | 24 | 1.8 | 212 | Yes |
| 17 | 5250 | 29 | 4.9 | 218 | Yes |
| 18 | 5250 | 23 | 1.1 | 186 | Yes |
| 19 | 5250 | 28 | 4 | 173 | Yes |
| 20 | 5250 | 23 | 1.1 | 190 | Yes |
| 21 | 5250 | 28 | 4.1 | 168 | Yes |
| 22 | 5250 | 23 | 1 | 195 | Yes |
| 23 | 5250 | 29 | 5 | 226 | Yes |
| 24 | 5250 | 26 | 2.8 | 169 | Yes |
| 25 | 5250 | 24 | 1.6 | 211 | Yes |
| 26 | 5250 | 28 | 4.1 | 202 | Yes |
| 27 | 5250 | 24 | 2 | 225 | Yes |
| 28 | 5250 | 23 | 1.5 | 208 | Yes |
| 29 | 5250 | 23 | 1.5 | 220 | Yes |
| 30 | 5250 | 29 | 4.6 | 163 | Yes |

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Radar Type3 for 5250MHz

Data Sheet for FCC Radar Type 3

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (16-18) | Pulse Width (6-10) | PRI (200-500) | Successful Detection |
|-------|-----------------------|------------------------------------------|-----------------------|------------------|-------------------------|
| | | (10-10) | (μs) | (μs) | (Yes/No) |
| 1 | 5250 | 16 | 6.7 | 374 | Yes |
| 2 | 5250 | 18 | 9.4 | 224 | Yes |
| 3 | 5250 | 17 | 8.2 | 340 | Yes |
| 4 | 5250 | 16 | 6.5 | 377 | Yes |
| 5 | 5250 | 18 | 9.8 | 387 | Yes |
| 6 | 5250 | 16 | 6.7 | 496 | Yes |
| 7 | 5250 | 18 | 8.9 | 456 | Yes |
| 8 | 5250 | 18 | 9.9 | 432 | Yes |
| 9 | 5250 | 18 | 8.9 | 265 | Yes |
| 10 | 5250 | 18 | 9.1 | 285 | Yes |
| 11 | 5250 | 18 | 9.9 | 310 | Yes |
| 12 | 5250 | 16 | 6.2 | 421 | Yes |
| 13 | 5250 | 18 | 9 | 277 | Yes |
| 14 | 5250 | 18 | 8.8 | 461 | Yes |
| 15 | 5250 | 16 | 6.8 | 313 | Yes |
| 16 | 5250 | 16 | 6.8 | 452 | Yes |
| 17 | 5250 | 18 | 9.9 | 379 | Yes |
| 18 | 5250 | 16 | 6.1 | 360 | Yes |
| 19 | 5250 | 18 | 9 | 471 | Yes |
| 20 | 5250 | 16 | 6.1 | 251 | Yes |
| 21 | 5250 | 18 | 9.1 | 485 | Yes |
| 22 | 5250 | 16 | 6 | 273 | Yes |
| 23 | 5250 | 18 | 10 | 280 | Yes |
| 24 | 5250 | 17 | 7.8 | 316 | Yes |
| 25 | 5250 | 16 | 6.6 | 217 | Yes |
| 26 | 5250 | 18 | 9.1 | 478 | Yes |
| 27 | 5250 | 16 | 7 | 247 | Yes |
| 28 | 5250 | 16 | 6.5 | 368 | Yes |
| 29 | 5250 | 16 | 6.5 | 433 | Yes |
| 30 | 5250 | 18 | 9.6 | 291 | Yes |

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Radar Type4 for 5250MHz

Data Sheet for FCC Radar Type 4

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (12-16) | Pulse Width (11-20) | PRI (200-500) | Successful Detection |
|-------|-----------------------|------------------------------------------|------------------------|------------------|-------------------------|
| | | (12-10) | (μs) | (μs) | (Yes/No) |
| 1 | 5250 | 12 | 12.6 | 374 | Yes |
| 2 | 5250 | 16 | 18.6 | 224 | Yes |
| 3 | 5250 | 14 | 15.9 | 340 | Yes |
| 4 | 5250 | 12 | 12.2 | 377 | Yes |
| 5 | 5250 | 16 | 19.5 | 387 | Yes |
| 6 | 5250 | 12 | 12.6 | 496 | Yes |
| 7 | 5250 | 15 | 17.5 | 456 | Yes |
| 8 | 5250 | 16 | 19.7 | 432 | Yes |
| 9 | 5250 | 15 | 17.5 | 265 | Yes |
| 10 | 5250 | 15 | 17.9 | 285 | Yes |
| 11 | 5250 | 16 | 19.7 | 310 | Yes |
| 12 | 5250 | 12 | 11.5 | 421 | Yes |
| 13 | 5250 | 15 | 17.7 | 277 | Yes |
| 14 | 5250 | 15 | 17.2 | 461 | Yes |
| 15 | 5250 | 13 | 12.9 | 313 | Yes |
| 16 | 5250 | 13 | 12.9 | 452 | Yes |
| 17 | 5250 | 16 | 19.7 | 379 | Yes |
| 18 | 5250 | 12 | 11.3 | 360 | Yes |
| 19 | 5250 | 15 | 17.7 | 471 | Yes |
| 20 | 5250 | 12 | 11.4 | 251 | Yes |
| 21 | 5250 | 15 | 18 | 485 | Yes |
| 22 | 5250 | 12 | 11.1 | 273 | Yes |
| 23 | 5250 | 16 | 20 | 280 | Yes |
| 24 | 5250 | 14 | 15.1 | 316 | Yes |
| 25 | 5250 | 12 | 12.3 | 217 | Yes |
| 26 | 5250 | 15 | 18 | 478 | Yes |
| 27 | 5250 | 13 | 13.3 | 247 | Yes |
| 28 | 5250 | 12 | 12.1 | 368 | Yes |
| 29 | 5250 | 12 | 12.1 | 433 | Yes |
| 30 | 5250 | 16 | 19.1 | 291 | Yes |

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Radar Type5 Trial1 for 5250MHz

| Data Shoot fo | or FCC Radar | | /pe5_1riai1 | for 5250MHz | | |
|-----------------|----------------------------------------|-------------------------|-----------------------|-------------------------|---------------------------------------|-----------------------------------------|
| Trial Number | | 1 ype 5 1 | | VSG E | regency(MHz): | 5290 |
| | | | | | | |
| Number of Bu | ursts in Trial: | | 10 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst (1-3) | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1.0) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 59.1 | 7 | | | 509440 |
| 2 | 3 | 91.9 | 7 | 1660.1 | 1168.1 | 798252 |
| 3 | 2 | 77.2 | 7 | 1115.8 | | 1089803 |
| 4 | 1 | 57.1 | 7 | | | 182954 |
| 5 | 3 | 96.9 | 7 | 1047.1 | 1158.1 | 472541 |
| 6 | 1 | 58.8 | 7 | | | 764207 |
| 7 | 3 | 86.3 | 7 | 1509.7 | 1072.7 | 1052613 |
| 8 | 3 | 98.4 | 7 | 1752.6 | 1364.6 | 146682 |
| 9 | 3 | 86 | 7 | 1175 | 1438 | 436627 |
| 10 | 3 | 88.5 | 7 | 1036.5 | 1476.5 | 726571 |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
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Radar Type5 Trial2 for 5250MHz

| Data Sheet for | r FCC Radar | | | 101 3230IVITZ | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 2 | | VSG F | reqency(MHz): | 5290 |
| Number of Bu | rsts in Trial: | | 18 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 98.3 | 18 | 1603.7 | 1771.7 | 562697 |
| 2 | 1 | 53.1 | 18 | | | 61762 |
| 3 | 3 | 87.2 | 18 | 1444.8 | 1905.8 | 221984 |
| 4 | 3 | 84.2 | 18 | 1482.8 | 1252.8 | 382580 |
| 5 | 1 | 60.5 | 18 | | | 545824 |
| 6 | 1 | 60.7 | 18 | | | 41916 |
| 7 | 3 | 98 | 18 | 943 | 1185 | 202497 |
| 8 | 1 | 52 | 18 | | | 364683 |
| 9 | 3 | 87.3 | 18 | 1352.7 | 1610.7 | 523650 |
| 10 | 1 | 52.2 | 18 | | | 22040 |
| 11 | 3 | 88.9 | 18 | 1473.1 | 934.1 | 182605 |
| 12 | 1 | 50.6 | 18 | | | 344727 |
| 13 | 3 | 99.6 | 18 | 1275.4 | 1077.4 | 503787 |
| 14 | 2 | 73 | 18 | 1089 | | 2155 |
| 15 | 1 | 57.5 | 18 | | | 163531 |
| 16 | 3 | 88.5 | 18 | 1714.5 | 1147.5 | 323167 |
| 17 | 1 | 62.7 | 18 | | | 486426 |
| 18 | 1 | 56.4 | 18 | | | 647396 |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial3 for 5250MHz

| Data Sheet fo | r FCC Radar | | pco_maio | 101 323UIVITZ | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 3 | | VSG F | reqency(MHz): | 5290 | |
| Number of Bu | rsts in Trial: | | 15 | Succes | Successful Detection: | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (<i>μ</i> sec) | |
| 1 | 1 | 56.3 | 13 | | | 172380 | |
| 2 | 3 | 94.8 | 13 | 1739.2 | 1881.2 | 364228 | |
| 3 | 1 | 56.7 | 13 | | | 559965 | |
| 4 | 3 | 93.6 | 13 | 1082.4 | 1151.4 | 751506 | |
| 5 | 3 | 90.9 | 13 | 1667.1 | 1019.1 | 148092 | |
| 6 | 2 | 78.3 | 13 | 1354.7 | | 341768 | |
| 7 | 2 | 78.1 | 13 | 1349.9 | | 534604 | |
| 8 | 2 | 76.2 | 13 | 1531.8 | | 728198 | |
| 9 | 2 | 68.9 | 13 | 1863.1 | | 124389 | |
| 10 | 3 | 90.9 | 13 | 1118.1 | 1400.1 | 317319 | |
| 11 | 3 | 89.6 | 13 | 1040.4 | 1009.4 | 510719 | |
| 12 | 3 | 94.8 | 13 | 1885.2 | 1325.2 | 702709 | |
| 13 | 3 | 89.6 | 13 | 1108.4 | 1635.4 | 100500 | |
| 14 | 2 | 69 | 13 | 1356 | | 293889 | |
| 15 | 3 | 91.3 | 13 | 920.7 | 1182.7 | 486456 | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

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Radar Type5 Trial4 for 5250MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 3230IVITZ | | |
|-----------------|-------------------------------|--------------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 4 VSG Freqency(I | | | | 5290 |
| Number of Bu | rsts in Trial: | Trial: 9 Successful Detection: | | | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 91.6 | 7 | 1688.4 | 1474.4 | 1134233 |
| 2 | 3 | 92.5 | 7 | 1172.5 | 1276.5 | 128124 |
| 3 | 3 | 93.7 | 7 | 983.3 | 1370.3 | 450387 |
| 4 | 3 | 95.6 | 7 | 1189.4 | 1655.4 | 772430 |
| 5 | 2 | 77.8 | 7 | 1019.2 | | 1096215 |
| 6 | 2 | 70.1 | 7 | 1414.9 | | 88520 |
| 7 | 2 | 77.9 | 7 | 1691.1 | | 411200 |
| 8 | 2 | 73.7 | 7 | 1137.3 | | 734049 |
| 9 | 1 | 51.6 | 7 | | | 1057570 |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
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| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | _ | | |

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Radar Type5 Trial5 for 5250MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 5 | | VSG F | reqency(MHz): | 5290 |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 96.2 | 19 | 1814.8 | 1768.8 | 21793 |
| 2 | 2 | 72.7 | 19 | 1039.3 | | 166807 |
| 3 | 3 | 87.1 | 19 | 1526.9 | 1126.9 | 310910 |
| 4 | 1 | 58.4 | 19 | | | 457052 |
| 5 | 3 | 92.3 | 19 | 960.7 | 1797.7 | 4040 |
| 6 | 1 | 54.2 | 19 | | | 149188 |
| 7 | 3 | 99.6 | 19 | 1035.4 | 1143.4 | 293399 |
| 8 | 1 | 58.3 | 19 | | | 439797 |
| 9 | 3 | 96.2 | 19 | 1452.8 | 1137.8 | 581535 |
| 10 | 2 | 79.8 | 19 | 1427.2 | | 131078 |
| 11 | 3 | 92 | 19 | 1477 | 1384 | 275287 |
| 12 | 3 | 91.3 | 19 | 1517.7 | 1414.7 | 419118 |
| 13 | 2 | 81.7 | 19 | 1885.3 | | 565051 |
| 14 | 1 | 54.7 | 19 | | | 113484 |
| 15 | 1 | 62.2 | 19 | | | 258458 |
| 16 | 1 | 58.8 | 19 | | | 403569 |
| 17 | 1 | 56 | 19 | | | 548708 |
| 18 | 3 | 84.3 | 19 | 1838.7 | 1231.7 | 95056 |
| 19 | 3 | 91.9 | 19 | 1000.1 | 941.1 | 240000 |
| 20 | 1 | 57 | 19 | | | 386115 |

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Radar Type5 Trial6 for 5250MHz

| Data Sheet fo | r FCC Radar | | pco_maio | 101 323UIVITZ | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 6 | | VSG F | VSG Freqency(MHz): | | |
| Number of Bu | rsts in Trial: | | 10 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) | |
| 1 | 1 | 62.5 | 7 | | | 1063198 | |
| 2 | 3 | 92.6 | 7 | 1616.4 | 1575.4 | 155098 | |
| 3 | 1 | 62.7 | 7 | | | 446078 | |
| 4 | 2 | 69.9 | 7 | 1468.1 | | 735901 | |
| 5 | 1 | 59.3 | 7 | | | 1027405 | |
| 6 | 1 | 57.9 | 7 | | | 119760 | |
| 7 | 2 | 80.5 | 7 | 1573.5 | | 409772 | |
| 8 | 1 | 63.9 | 7 | | | 700862 | |
| 9 | 3 | 93 | 7 | 1664 | 1779 | 988395 | |
| 10 | 3 | 84.9 | 7 | 1906.1 | 1003.1 | 83759 | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

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Radar Type5 Trial7 for 5250MHz

| Data Sheet fo | r FCC Radar | | <u>pco_man</u> | 101 3230IVITZ | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 7 | | VSG F | reqency(MHz): | 5290 |
| Number of Bu | rsts in Trial: | | 17 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 86.3 | 16 | 1888.7 | 1559.7 | 218969 |
| 2 | 2 | 78.4 | 16 | 1835.6 | | 390036 |
| 3 | 2 | 71 | 16 | 1137 | | 561109 |
| 4 | 1 | 55 | 16 | | | 28292 |
| 5 | 3 | 97.4 | 16 | 1601.6 | 1030.6 | 198383 |
| 6 | 2 | 68.2 | 16 | 1357.8 | | 369108 |
| 7 | 3 | 91.3 | 16 | 1512.7 | 1851.7 | 538408 |
| 8 | 2 | 69.6 | 16 | 1287.4 | | 7257 |
| 9 | 3 | 83.9 | 16 | 1010.1 | 1627.1 | 177400 |
| 10 | 1 | 64.7 | 16 | | | 348970 |
| 11 | 3 | 91.4 | 16 | 1054.6 | 1044.6 | 517798 |
| 12 | 2 | 81.2 | 16 | 1139.8 | | 689104 |
| 13 | 3 | 98.7 | 16 | 1543.3 | 1007.3 | 156487 |
| 14 | 1 | 59.7 | 16 | | | 327688 |
| 15 | 2 | 77.1 | 16 | 1345.9 | | 497950 |
| 16 | 1 | 50 | 16 | | | 669779 |
| 17 | 1 | 59.9 | 16 | | | 136017 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial8 for 5250MHz

| Data Sheet fo | Data Sheet for FCC Radar Type 5 | | | | | | | | |
|-----------------|---------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|--|--|
| Trial Number: | | 8 | | VSG F | VSG Freqency(MHz): 5290 | | | | |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes | | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | | | |
| 1 | 3 | 87.7 | 20 | 1689.3 | 1217.3 | 259202 | | | |
| 2 | 2 | 81.4 | 20 | 1558.6 | | 404443 | | | |
| 3 | 3 | 86.8 | 20 | 1491.2 | 1447.2 | 548020 | | | |
| 4 | 2 | 71.8 | 20 | 1145.2 | | 97423 | | | |
| 5 | 3 | 85.9 | 20 | 1063.1 | 1584.1 | 241799 | | | |
| 6 | 3 | 86.1 | 20 | 1259.9 | 1413.9 | 386462 | | | |
| 7 | 2 | 66.7 | 20 | 1659.3 | | 531851 | | | |
| 8 | 3 | 89.2 | 20 | 1584.8 | 1245.8 | 79445 | | | |
| 9 | 1 | 53.6 | 20 | | | 225014 | | | |
| 10 | 1 | 60 | 20 | | | 370318 | | | |
| 11 | 2 | 67.2 | 20 | 1627.8 | | 514028 | | | |
| 12 | 3 | 99.1 | 20 | 1797.9 | 1577.9 | 61519 | | | |
| 13 | 3 | 84.4 | 20 | 1503.6 | 1023.6 | 206168 | | | |
| 14 | 2 | 73.7 | 20 | 1717.3 | | 351455 | | | |
| 15 | 3 | 85.6 | 20 | 1755.4 | 1371.4 | 494388 | | | |
| 16 | 1 | 65.3 | 20 | | | 44026 | | | |
| 17 | 1 | 61.2 | 20 | | | 189213 | | | |
| 18 | 3 | 93.5 | 20 | 1567.5 | 1619.5 | 332370 | | | |
| 19 | 1 | 63.5 | 20 | | | 479707 | | | |
| 20 | 2 | 70.2 | 20 | 1341.8 | | 26103 | | | |

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Radar Type5 Trial9 for 5250MHz

| Data Sheet for | r FCC Radar | | peo_maio | 101 323UIVITZ | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 9 | | VSG F | reqency(MHz): | 5290 |
| Number of Bu | rsts in Trial: | | 17 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 76.6 | 16 | 1759.4 | | 201002 |
| 2 | 1 | 57.3 | 16 | | | 372296 |
| 3 | 3 | 94.1 | 16 | 1556.9 | 1512.9 | 540876 |
| 4 | 2 | 67.5 | 16 | 1341.5 | | 9743 |
| 5 | 3 | 86.4 | 16 | 1729.6 | 1692.6 | 179570 |
| 6 | 1 | 50.3 | 16 | | | 351613 |
| 7 | 2 | 77.1 | 16 | 1392.9 | | 521115 |
| 8 | 1 | 65.7 | 16 | | | 693452 |
| 9 | 2 | 81.3 | 16 | 931.7 | | 159294 |
| 10 | 3 | 94 | 16 | 1250 | 1591 | 329164 |
| 11 | 1 | 52.9 | 16 | | | 501099 |
| 12 | 3 | 92.8 | 16 | 1814.2 | 1374.2 | 668892 |
| 13 | 1 | 59.3 | 16 | | | 138587 |
| 14 | 3 | 98 | 16 | 918 | 976 | 308563 |
| 15 | 3 | 92.9 | 16 | 1610.1 | 1303.1 | 477783 |
| 16 | 2 | 82.5 | 16 | 1048.5 | | 649558 |
| 17 | 1 | 56.2 | 16 | | | 117533 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial10 for 5250MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 3230101112 | - | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 10 | | VSG F | reqency(MHz): | 5290 |
| Number of Bu | rsts in Trial: | | 17 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 1 | 63.1 | 17 | | | 288175 |
| 2 | 1 | 50.4 | 17 | | | 458948 |
| 3 | 3 | 92.3 | 17 | 1526.7 | 1580.7 | 627428 |
| 4 | 1 | 54.3 | 17 | | | 96478 |
| 5 | 1 | 65.9 | 17 | | | 267403 |
| 6 | 3 | 93.8 | 17 | 1113.2 | 1606.2 | 436454 |
| 7 | 1 | 58.1 | 17 | | | 609164 |
| 8 | 2 | 74.1 | 17 | 928.9 | | 75284 |
| 9 | 2 | 70.5 | 17 | 968.5 | | 245971 |
| 10 | 3 | 99.6 | 17 | 1069.4 | 948.4 | 415984 |
| 11 | 3 | 91.1 | 17 | 1799.9 | 928.9 | 585536 |
| 12 | 1 | 55.7 | 17 | | | 54333 |
| 13 | 1 | 65.8 | 17 | | | 225282 |
| 14 | 3 | 87.4 | 17 | 1038.6 | 1314.6 | 394699 |
| 15 | 1 | 66.2 | 17 | | | 567200 |
| 16 | 1 | 63.5 | 17 | | | 33292 |
| 17 | 2 | 79.8 | 17 | 1787.2 | | 203723 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial11 for 5250MHz

| Data Sheet fo | r FCC Radar | | <u>-</u> | 101 0200111112 | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 11 | | VSG Freqency(MHz): 5258 | | | |
| Number of Bu | rsts in Trial: | | 20 | Succes | Yes | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | |
| 1 | 3 | 83.4 | 20 | 1425.6 | 1742.6 | 316860 | |
| 2 | 2 | 80.3 | 20 | 1296.7 | | 462407 | |
| 3 | 3 | 87.4 | 20 | 1676.6 | 999.6 | 10359 | |
| 4 | 2 | 69.2 | 20 | 1514.8 | | 155168 | |
| 5 | 3 | 85.4 | 20 | 1880.6 | 1071.6 | 299305 | |
| 6 | 3 | 85.5 | 20 | 1822.5 | 951.5 | 443321 | |
| 7 | 1 | 59 | 20 | | | 590629 | |
| 8 | 1 | 51 | 20 | | | 137592 | |
| 9 | 1 | 57.9 | 20 | | | 282763 | |
| 10 | 1 | 59.7 | 20 | | | 428189 | |
| 11 | 1 | 57.1 | 20 | | | 572919 | |
| 12 | 2 | 74.4 | 20 | 998.6 | | 119660 | |
| 13 | 3 | 89.8 | 20 | 1317.2 | 1527.2 | 263511 | |
| 14 | 3 | 86.4 | 20 | 1293.6 | 1464.6 | 407997 | |
| 15 | 2 | 80.9 | 20 | 1882.1 | | 553129 | |
| 16 | 1 | 53.1 | 20 | | | 101934 | |
| 17 | 1 | 59.1 | 20 | | | 247263 | |
| 18 | 3 | 98.2 | 20 | 1551.8 | 1397.8 | 389873 | |
| 19 | 3 | 93.1 | 20 | 1835.9 | 1901.9 | 533892 | |
| 20 | 2 | 71.2 | 20 | 1658.8 | | 83872 | |

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Radar Type5 Trial12 for 5250MHz

| Data Sheet for | Data Sheet for FCC Radar Type 5 | | | | | | | | |
|-----------------|---------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|--|--|
| Trial Number: | | 12 | | VSG F | VSG Freqency(MHz): 5252 | | | | |
| Number of Bu | rsts in Trial: | | 8 | Successful Detection: | | Yes | | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | | | |
| 1 | 1 | 65.9 | 5 | | | 573744 | | | |
| 2 | 1 | 60.6 | 5 | | | 937428 | | | |
| 3 | 1 | 63.6 | 5 | | | 1300460 | | | |
| 4 | 3 | 86 | 5 | 1516 | 1359 | 165310 | | | |
| 5 | 3 | 93.5 | 5 | 1257.5 | 1118.5 | 528261 | | | |
| 6 | 1 | 65.8 | 5 | | | 892561 | | | |
| 7 | 1 | 50.8 | 5 | | | 1256298 | | | |
| 8 | 3 | 86.1 | 5 | 1375.9 | 1225.9 | 120682 | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

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Radar Type5_Trial13 for 5250MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 020011112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 13 | | VSG F | reqency(MHz): | 5256.4 |
| Number of Bu | rsts in Trial: | 17 | | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 1 | 59.9 | 16 | | | 227584 |
| 2 | 1 | 65.4 | 16 | | | 398367 |
| 3 | 1 | 56.5 | 16 | | | 569576 |
| 4 | 3 | 86.7 | 16 | 1443.3 | 1637.3 | 35641 |
| 5 | 2 | 79.3 | 16 | 1825.7 | | 206178 |
| 6 | 2 | 79.5 | 16 | 1168.5 | | 377006 |
| 7 | 1 | 64.6 | 16 | | | 548078 |
| 8 | 1 | 62.5 | 16 | | | 14742 |
| 9 | 3 | 95.2 | 16 | 1101.8 | 1646.8 | 184786 |
| 10 | 3 | 87 | 16 | 1883 | 1468 | 354741 |
| 11 | 2 | 77.8 | 16 | 1739.2 | | 525562 |
| 12 | 1 | 65 | 16 | | | 698312 |
| 13 | 2 | 83.3 | 16 | 1716.7 | | 164078 |
| 14 | 1 | 53.3 | 16 | | | 335420 |
| 15 | 1 | 57.9 | 16 | | | 505990 |
| 16 | 3 | 84 | 16 | 1505 | 1682 | 674134 |
| 17 | 1 | 50.9 | 16 | | | 143497 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial14 for 5250MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 020011112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 14 | | VSG F | reqency(MHz): | 5256 |
| Number of Bu | rsts in Trial: | 16 | | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 3 | 99.7 | 15 | 1555.3 | 1353.3 | 332503 |
| 2 | 2 | 80.8 | 15 | 1032.2 | | 514538 |
| 3 | 1 | 63.2 | 15 | | | 697203 |
| 4 | 1 | 60.2 | 15 | | | 130200 |
| 5 | 1 | 52.6 | 15 | | | 311598 |
| 6 | 1 | 56.7 | 15 | | | 493351 |
| 7 | 3 | 89.2 | 15 | 1070.8 | 1547.8 | 671750 |
| 8 | 2 | 73.2 | 15 | 1082.8 | | 107602 |
| 9 | 3 | 92.4 | 15 | 1522.6 | 1077.6 | 288052 |
| 10 | 1 | 63.8 | 15 | | | 470601 |
| 11 | 2 | 72.7 | 15 | 1495.3 | | 651121 |
| 12 | 2 | 66.7 | 15 | 1098.3 | | 85311 |
| 13 | 1 | 51.4 | 15 | | | 266788 |
| 14 | 2 | 75.7 | 15 | 948.3 | | 447563 |
| 15 | 2 | 69.5 | 15 | 1450.5 | | 628623 |
| 16 | 3 | 84.7 | 15 | 1230.3 | 1221.3 | 62779 |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial15 for 5250MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 32301011 12 | <u>-</u> | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|----------------------------|-----------------------------------------|--|
| Trial Number: | | 15 | | VSG F | VSG Frequency(MHz): 5253.2 | | |
| Number of Bu | rsts in Trial: | 10 | | Successful Detection: | | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | |
| 1 | 2 | 72.9 | 8 | 1194.1 | | 391332 | |
| 2 | 3 | 91.1 | 8 | 1090.9 | 967.9 | 680940 | |
| 3 | 3 | 92.5 | 8 | 1080.5 | 1669.5 | 970216 | |
| 4 | 1 | 53.1 | 8 | | | 65107 | |
| 5 | 2 | 70.4 | 8 | 1036.6 | | 355600 | |
| 6 | 3 | 95.2 | 8 | 1611.8 | 1515.8 | 644771 | |
| 7 | 1 | 60.2 | 8 | | | 936977 | |
| 8 | 2 | 71.8 | 8 | 963.2 | | 29299 | |
| 9 | 2 | 68.3 | 8 | 1812.7 | | 319584 | |
| 10 | 1 | 58 | 8 | | | 610799 | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

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No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 f (886-2) 2298-0488

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Radar Type5_Trial16 for 5250MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 020011112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 16 | | VSG F | reqency(MHz): | 5253.2 |
| Number of Bu | rsts in Trial: | | 10 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 72.1 | 8 | 1879.9 | | 899637 |
| 2 | 2 | 70.4 | 8 | 1115.6 | | 1191192 |
| 3 | 2 | 78 | 8 | 1841 | | 283633 |
| 4 | 3 | 87.9 | 8 | 1743.1 | 912.1 | 573535 |
| 5 | 1 | 62.6 | 8 | | | 865840 |
| 6 | 1 | 52.7 | 8 | | | 1156140 |
| 7 | 2 | 79.7 | 8 | 1882.3 | | 247878 |
| 8 | 3 | 85 | 8 | 1425 | 1156 | 537782 |
| 9 | 3 | 93.8 | 8 | 1793.2 | 1217.2 | 827726 |
| 10 | 3 | 85.1 | 8 | 1031.9 | 1278.9 | 1118519 |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
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Radar Type5 Trial17 for 5250MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 32301011 12 | <u>-</u> | |
|----------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 17 VSG Freqency(MHz | | | reqency(MHz): | 5258 |
| Number of Bursts in Trial: | | | 20 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 87.6 | 20 | 1717.4 | 1407.4 | 105547 |
| 2 | 2 | 75.8 | 20 | 1425.2 | | 250609 |
| 3 | 1 | 57.2 | 20 | | | 396590 |
| 4 | 1 | 58.7 | 20 | | | 541462 |
| 5 | 2 | 67.4 | 20 | 963.6 | | 88091 |
| 6 | 1 | 63.5 | 20 | | | 233418 |
| 7 | 3 | 87 | 20 | 1077 | 1649 | 377062 |
| 8 | 1 | 65.6 | 20 | | | 523460 |
| 9 | 3 | 91.9 | 20 | 1897.1 | 1683.1 | 69979 |
| 10 | 3 | 95.8 | 20 | 1828.2 | 1786.2 | 214294 |
| 11 | 3 | 93.7 | 20 | 1745.3 | 1039.3 | 359070 |
| 12 | 1 | 61.3 | 20 | | | 505518 |
| 13 | 1 | 58.2 | 20 | | | 52488 |
| 14 | 2 | 80.4 | 20 | 995.6 | | 197237 |
| 15 | 1 | 60.3 | 20 | | | 342630 |
| 16 | 1 | 62.2 | 20 | | | 488303 |
| 17 | 1 | 65.5 | 20 | | | 34613 |
| 18 | 2 | 80.9 | 20 | 1435.1 | | 179370 |
| 19 | 2 | 80.6 | 20 | 1512.4 | | 323860 |
| 20 | 1 | 54.5 | 20 | | | 470010 |

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Radar Type5 Trial18 for 5250MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 32301011 12 | <u>-</u> | | |
|----------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 18 | | VSG F | VSG Freqency(MHz): 5252 | | |
| Number of Bursts in Trial: | | 8 | | Successful Detection: | | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | |
| 1 | 2 | 70.6 | 5 | 1666.4 | | 41914 | |
| 2 | 3 | 91.4 | 5 | 1425.6 | 1498.6 | 404450 | |
| 3 | 3 | 91.9 | 5 | 1049.1 | 1234.1 | 767322 | |
| 4 | 3 | 94.7 | 5 | 1745.3 | 1228.3 | 1130146 | |
| 5 | 3 | 84.6 | 5 | 1701.4 | 1803.4 | 1491872 | |
| 6 | 2 | 68.7 | 5 | 1702.3 | | 360212 | |
| 7 | 3 | 95.2 | 5 | 1537.8 | 914.8 | 722556 | |
| 8 | 1 | 54.4 | 5 | | | 1087403 | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
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| 17 | | | | | | | |
| 18 | | | | | | | |
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| 20 | | | | | | | |

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Radar Type5_Trial19 for 5250MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 020011112 | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|--------------------------|-----------------------------------------|--|
| Trial Number: | | 19 | | VSG F | VSG Freqency(MHz): 5256. | | |
| Number of Bu | rsts in Trial: | | 17 | Succes | Successful Detection: | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) | |
| 1 | 1 | 51.2 | 16 | | | 682333 | |
| 2 | 2 | 70 | 16 | 1890 | | 148141 | |
| 3 | 3 | 87.1 | 16 | 1111.9 | 1816.9 | 317843 | |
| 4 | 1 | 66.5 | 16 | | | 490243 | |
| 5 | 2 | 81.9 | 16 | 1748.1 | | 659612 | |
| 6 | 3 | 84.4 | 16 | 1473.6 | 1702.6 | 126814 | |
| 7 | 3 | 97.1 | 16 | 1256.9 | 1115.9 | 297138 | |
| 8 | 3 | 97.1 | 16 | 1501.9 | 1126.9 | 467069 | |
| 9 | 3 | 83.8 | 16 | 1881.2 | 1217.2 | 637118 | |
| 10 | 3 | 83.8 | 16 | 1718.2 | 1867.2 | 105782 | |
| 11 | 3 | 85.7 | 16 | 1259.3 | 1747.3 | 276164 | |
| 12 | 1 | 56.9 | 16 | | | 447838 | |
| 13 | 1 | 58.2 | 16 | | | 618683 | |
| 14 | 3 | 94.6 | 16 | 1016.4 | 1595.4 | 85059 | |
| 15 | 2 | 80 | 16 | 1395 | | 255699 | |
| 16 | 2 | 72.5 | 16 | 1050.5 | | 426145 | |
| 17 | 1 | 64.3 | 16 | | | 597573 | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

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Radar Type5_Trial20 for 5250MHz

| Data Sheet for FCC Radar Type 5 | | | | | | | |
|---------------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 20 | | VSG Freqency(MHz): 5252 | | | |
| Number of Bursts in Trial: | | | 8 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | $(\mu \text{ sec})$ | |
| 1 | 1 | 60.8 | 5 | | | 136752 | |
| 2 | 1 | 62.1 | 5 | | | 500258 | |
| 3 | 3 | 97.7 | 5 | 1616.3 | 1761.3 | 861553 | |
| 4 | 2 | 77.5 | 5 | 1124.5 | | 1226154 | |
| 5 | 1 | 50.4 | 5 | | | 92007 | |
| 6 | 3 | 87.2 | 5 | 1301.8 | 1083.8 | 454685 | |
| 7 | 3 | 98.8 | 5 | 1446.2 | 1342.2 | 817019 | |
| 8 | 1 | 54.3 | 5 | | | 1182180 | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
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| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

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Radar Type5 Trial21 for 5250MHz

| Data Sheet for | r FCC Radar | | 700_111GIZ 1 | 101 3230101112 | - | |
|----------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 21 VSG Frequency(MHz): | | | 5323.2 | |
| Number of Bursts in Trial: | | 18 | | Succes | Successful Detection: | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 89.3 | 17 | 1705.7 | 1183.7 | 20880 |
| 2 | 1 | 64.5 | 17 | | | 182248 |
| 3 | 3 | 96.3 | 17 | 1456.7 | 1686.7 | 341878 |
| 4 | 3 | 84 | 17 | 1675 | 1459 | 502141 |
| 5 | 1 | 62.6 | 17 | | | 1108 |
| 6 | 2 | 74.1 | 17 | 1747.9 | | 161893 |
| 7 | 3 | 98.7 | 17 | 1121.3 | 1005.3 | 322414 |
| 8 | 2 | 68.3 | 17 | 1047.7 | | 484272 |
| 9 | 2 | 82.5 | 17 | 1225.5 | | 644752 |
| 10 | 1 | 64.4 | 17 | | | 142497 |
| 11 | 2 | 71.8 | 17 | 1153.2 | | 303496 |
| 12 | 1 | 58.7 | 17 | | | 464963 |
| 13 | 2 | 77.2 | 17 | 1213.8 | | 624911 |
| 14 | 2 | 79.4 | 17 | 1654.6 | | 122281 |
| 15 | 2 | 73.9 | 17 | 1634.1 | | 283090 |
| 16 | 3 | 83.4 | 17 | 1309.6 | 1851.6 | 443010 |
| 17 | 1 | 63.3 | 17 | | | 606495 |
| 18 | 2 | 78.4 | 17 | 1625.6 | | 102588 |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial22 for 5250MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 32301011 12 | - | | |
|----------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 22 | | VSG F | VSG Freqency(MHz): 5328 | | |
| Number of Bursts in Trial: | | 8 | | Successful Detection: | | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (<i>μ</i> sec) | |
| 1 | 2 | 81.7 | 5 | 988.3 | | 594489 | |
| 2 | 3 | 95.2 | 5 | 1595.8 | 1423.8 | 956241 | |
| 3 | 2 | 73.6 | 5 | 1291.4 | | 1320943 | |
| 4 | 3 | 96.4 | 5 | 941.6 | 953.6 | 186647 | |
| 5 | 2 | 76 | 5 | 1696 | | 549619 | |
| 6 | 1 | 61.4 | 5 | | | 913859 | |
| 7 | 2 | 69.3 | 5 | 1407.7 | | 1275841 | |
| 8 | 2 | 80.3 | 5 | 1306.7 | | 141976 | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
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Radar Type5 Trial23 for 5250MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | |
|----------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 23 VSG Frequency(MHz): | | | 5322 | |
| Number of Bursts in Trial: | | | 20 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| , , | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 73.7 | 20 | 1882.3 | | 201131 |
| 2 | 1 | 56.6 | 20 | | | 347220 |
| 3 | 3 | 97.6 | 20 | 948.4 | 1303.4 | 489894 |
| 4 | 2 | 76.9 | 20 | 1374.1 | | 38809 |
| 5 | 1 | 50.8 | 20 | | | 183989 |
| 6 | 2 | 82.8 | 20 | 1672.2 | | 327977 |
| 7 | 3 | 88.3 | 20 | 1857.7 | 1575.7 | 471382 |
| 8 | 1 | 62.1 | 20 | | | 20997 |
| 9 | 3 | 92.7 | 20 | 1454.3 | 1612.3 | 165208 |
| 10 | 2 | 69.9 | 20 | 1313.1 | | 310575 |
| 11 | 1 | 50.8 | 20 | | | 456505 |
| 12 | 1 | 63.1 | 20 | | | 3113 |
| 13 | 2 | 71.2 | 20 | 1190.8 | | 148078 |
| 14 | 1 | 59.6 | 20 | | | 293503 |
| 15 | 3 | 87.1 | 20 | 1665.9 | 1358.9 | 435927 |
| 16 | 3 | 88.7 | 20 | 1434.3 | 1148.3 | 581491 |
| 17 | 2 | 75.7 | 20 | 1130.3 | | 130019 |
| 18 | 2 | 80.2 | 20 | 994.8 | | 275010 |
| 19 | 1 | 58.1 | 20 | | | 421000 |
| 20 | 1 | 63.8 | 20 | | | 565855 |

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Radar Type5 Trial24 for 5250MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 32301011 12 | <u>-</u> | |
|----------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 24 VSG F | | | reqency(MHz): | 5325.2 |
| Number of Bursts in Trial: | | 13 | | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (<i>μ</i> sec) |
| 1 | 3 | 87.2 | 12 | 1194.8 | 1439.8 | 172678 |
| 2 | 2 | 81.5 | 12 | 1286.5 | | 396265 |
| 3 | 3 | 88.3 | 12 | 1766.7 | 1405.7 | 617882 |
| 4 | 1 | 64.3 | 12 | | | 843729 |
| 5 | 1 | 64.2 | 12 | | | 145686 |
| 6 | 2 | 72 | 12 | 1752 | | 368568 |
| 7 | 1 | 55.5 | 12 | | | 593039 |
| 8 | 1 | 53.6 | 12 | | | 816541 |
| 9 | 2 | 80.8 | 12 | 1034.2 | | 118021 |
| 10 | 3 | 93 | 12 | 1505 | 1651 | 340336 |
| 11 | 3 | 88.5 | 12 | 1543.5 | 1632.5 | 563217 |
| 12 | 3 | 84.8 | 12 | 971.2 | 1099.2 | 787034 |
| 13 | 1 | 64.6 | 12 | | | 90662 |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial25 for 5250MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 020011112 | Data Sheet for FCC Radar Type 5 | | | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|---------------------------------|-----------------------------------------|--|--|--|--|--|
| Trial Number: | | 25 | | VSG F | VSG Freqency(MHz): | | | | | | |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes | | | | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | | | | |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | $(\mu \text{ sec})$ | (μ sec) | | | | | |
| 1 | 2 | 82.3 | 7 | 1706.7 | | 453486 | | | | | |
| 2 | 1 | 50.4 | 7 | | | 777166 | | | | | |
| 3 | 3 | 92.1 | 7 | 1227.9 | 1878.9 | 1097070 | | | | | |
| 4 | 2 | 70.8 | 7 | 1646.2 | | 91097 | | | | | |
| 5 | 1 | 55.5 | 7 | | | 414338 | | | | | |
| 6 | 1 | 63.5 | 7 | | | 737249 | | | | | |
| 7 | 3 | 89 | 7 | 1592 | 1577 | 1057645 | | | | | |
| 8 | 2 | 70.5 | 7 | 1857.5 | | 51362 | | | | | |
| 9 | 1 | 65 | 7 | | | 374501 | | | | | |
| 10 | | | | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | | | | | | | | | | | |
| 13 | | | | | | | | | | | |
| 14 | | | | | | | | | | | |
| 15 | | | | | | | | | | | |
| 16 | | | | | | | | | | | |
| 17 | | | | | | | | | | | |
| 18 | | | | | | | | | | | |
| 19 | | | | | | | | | | | |
| 20 | | | | | | | | | | | |

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Radar Type5 Trial26 for 5250MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 32301011 12 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|---------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 26 | | VSG Freqency(MHz): 5323.2 | | |
| Number of Bu | rsts in Trial: | | 18 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 86.8 | 17 | 1496.2 | 917.2 | 347149 |
| 2 | 1 | 53.9 | 17 | | | 509709 |
| 3 | 2 | 82.6 | 17 | 1713.4 | | 5797 |
| 4 | 1 | 50.1 | 17 | | | 167090 |
| 5 | 1 | 57.2 | 17 | | | 328556 |
| 6 | 2 | 72.1 | 17 | 1825.9 | | 488346 |
| 7 | 1 | 58.1 | 17 | | | 651581 |
| 8 | 3 | 85 | 17 | 1678 | 1752 | 146548 |
| 9 | 2 | 70.6 | 17 | 1656.4 | | 307913 |
| 10 | 3 | 95.9 | 17 | 1122.1 | 1174.1 | 468131 |
| 11 | 1 | 53.3 | 17 | | | 631137 |
| 12 | 1 | 55.5 | 17 | | | 127380 |
| 13 | 3 | 93.2 | 17 | 907.8 | 972.8 | 287659 |
| 14 | 3 | 92.3 | 17 | 1372.7 | 1012.7 | 448127 |
| 15 | 2 | 68.3 | 17 | 1588.7 | | 610275 |
| 16 | 2 | 83.2 | 17 | 1396.8 | | 107311 |
| 17 | 1 | 62.7 | 17 | | | 268650 |
| 18 | 2 | 78.9 | 17 | 1055.1 | | 429390 |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial27 for 5250MHz

| Data Sheet for | r FCC Radar | | <u>-</u> | 101 020011112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 27 | | VSG F | VSG Freqency(MHz): 53 | |
| Number of Bu | rsts in Trial: | | 11 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | $(\mu \text{ sec})$ | $(\mu \text{ sec})$ |
| 1 | 2 | 77.3 | 9 | 1548.7 | | 967708 |
| 2 | 3 | 84.7 | 9 | 933.3 | 1899.3 | 143119 |
| 3 | 2 | 81.4 | 9 | 1065.6 | | 407207 |
| 4 | 3 | 99.7 | 9 | 1612.3 | 1785.3 | 669965 |
| 5 | 2 | 81.4 | 9 | 1703.6 | | 934440 |
| 6 | 1 | 66 | 9 | | | 111014 |
| 7 | 3 | 98.5 | 9 | 1180.5 | 1462.5 | 374388 |
| 8 | 3 | 88.9 | 9 | 1787.1 | 1791.1 | 637416 |
| 9 | 1 | 59.2 | 9 | | | 903598 |
| 10 | 3 | 95 | 9 | 1194 | 1508 | 78243 |
| 11 | 2 | 67.9 | 9 | 1347.1 | | 342248 |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial28 for 5250MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 32301011 12 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 28 | | VSG Freqency | | 5327.2 |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 70.2 | 7 | 1051.8 | | 741321 |
| 2 | 1 | 66.6 | 7 | | | 1065352 |
| 3 | 2 | 69.2 | 7 | 1202.8 | | 56078 |
| 4 | 3 | 93.4 | 7 | 1319.6 | 1848.6 | 378138 |
| 5 | 2 | 72.1 | 7 | 1345.9 | | 701259 |
| 6 | 3 | 94.8 | 7 | 1845.2 | 954.2 | 1022982 |
| 7 | 3 | 84.3 | 7 | 1209.7 | 1367.7 | 16313 |
| 8 | 2 | 81.8 | 7 | 1232.2 | | 339081 |
| 9 | 1 | 64.1 | 7 | | | 662528 |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial29 for 5250MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 3230101112 | - | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 29 | | VSG F | VSG Freqency(MHz): | |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 64.7 | 7 | | | 985215 |
| 2 | 3 | 83.4 | 7 | 1202.6 | 1248.6 | 1306313 |
| 3 | 3 | 95.5 | 7 | 1388.5 | 956.5 | 299081 |
| 4 | 3 | 95.8 | 7 | 1556.2 | 1547.2 | 620941 |
| 5 | 2 | 72.3 | 7 | 1260.7 | | 944794 |
| 6 | 3 | 92.7 | 7 | 1285.3 | 1478.3 | 1265869 |
| 7 | 2 | 81.4 | 7 | 1318.6 | | 259573 |
| 8 | 1 | 59.1 | 7 | | | 582857 |
| 9 | 3 | 89.2 | 7 | 1446.8 | 1680.8 | 903605 |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | _ | |

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Radar Type5 Trial30 for 5250MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 32301011 12 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 30 | | VSG Freqency(MHz): | | 5322.4 |
| Number of Bu | rsts in Trial: | | 19 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (<i>μ</i> sec) |
| 1 | 1 | 58.1 | 19 | | | 581502 |
| 2 | 2 | 73.8 | 19 | 1264.2 | | 103807 |
| 3 | 3 | 87.6 | 19 | 1087.4 | 1504.4 | 255951 |
| 4 | 3 | 92.9 | 19 | 1681.1 | 1542.1 | 407340 |
| 5 | 3 | 84.7 | 19 | 1699.3 | 1863.3 | 559611 |
| 6 | 1 | 61.6 | 19 | | | 85254 |
| 7 | 3 | 85.8 | 19 | 981.2 | 1515.2 | 237079 |
| 8 | 3 | 83.7 | 19 | 1366.3 | 1437.3 | 389094 |
| 9 | 3 | 87.1 | 19 | 1754.9 | 1885.9 | 540109 |
| 10 | 2 | 72.6 | 19 | 953.4 | | 66354 |
| 11 | 1 | 66.5 | 19 | | | 219258 |
| 12 | 1 | 51.7 | 19 | | | 372044 |
| 13 | 2 | 68.3 | 19 | 1368.7 | | 523525 |
| 14 | 1 | 62.9 | 19 | | | 47622 |
| 15 | 1 | 63.1 | 19 | | | 200428 |
| 16 | 2 | 67.1 | 19 | 1227.9 | | 352345 |
| 17 | 1 | 50.4 | 19 | | | 506362 |
| 18 | 2 | 79.3 | 19 | 1688.7 | | 28704 |
| 19 | 3 | 84.2 | 19 | 1118.8 | 1119.8 | 180784 |
| 20 | | | | | | |

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Radar Type6 for 5250MHz

Data Sheet for FCC Radar Type 6

| Trial | Pulse Width | PRI | Pulses per Hop | Hopping Rate | Hopping Sequence Length | Successful Detection |
|-------|----------------|---------|----------------------|-----------------|-------------------------------|-------------------------|
| | (μ sec) | (μ sec) | | (kHz) | (msec) | (Yes/No) |
| 1 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 2 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 3 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 4 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 5 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 6 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 7 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 8 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 9 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 10 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 11 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 12 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 13 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 14 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 15 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 16 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 17 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 18 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 19 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 20 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 21 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 22 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 23 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 24 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 25 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 26 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 27 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 28 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 29 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 30 | 1 | 333 | 9 | 0.333 | 300 | Yes |

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HE160 5570MHz

| Short Pulse Radar Type | Minimum Number of Trials | Detection(%) | | Minmum Percentage of Successful Detection(%) | Pass/Fail |
|---------------------------------|------------------------------------------|----------------------|-----------------------|----------------------------------------------|-----------|
| 1 | 30 | 83 | .33 | 60 | Pass |
| 2 | 30 | 96 | .67 | 60 | Pass |
| 3 | 30 | 1 | 00 | 60 | Pass |
| 4 | 30 | 1 | 00 | 60 | Pass |
| Aggregate (Radar Types 1-4) | 120 | g | 95 | 80 | Pass |
| Long Pulse Radar Type | Minimum Number of Trials | Each Detection(%) | Total Detection(%) | Minmum Percentage of Successful Detection(%) | Pass/Fail |
| 5 | Center:10 Low Edge:10 High Edge:10 | 100 90 100 | 96.66666667 | 80 | Pass |
| Frequency Hopping Radar Type | Minimum Number of Trials | Detection(%) | | Minmum Percentage of Successful Detection(%) | Pass/Fail |
| 6 | 30 | 1 | 00 | 70 | Pass |

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Radar Type1 for 5570MHz

Data Sheet for FCC Radar Type 1

| Trial | VSG Freqency (MHz) | Pulse Repetition Frequency | Pulse Repetition Frequency | PRI | Test A/B | Successful Detection |
|-------|--------------------------|-------------------------------|-------------------------------|--------|----------|-------------------------|
| | (| Number (1 to 23) | (Pulses Per Second) | (msec) | A/B | (Yes/No) |
| 1 | 5570 | 12 | 1355 | 738 | Α | Yes |
| 2 | 5570 | 13 | 1319.3 | 758 | Α | Yes |
| 3 | 5570 | 1 | 1930.5 | 518 | Α | Yes |
| 4 | 5570 | 3 | 1792.1 | 558 | Α | Yes |
| 5 | 5570 | 4 | 1730.1 | 578 | Α | Yes |
| 6 | 5570 | 23 | 326.2 | 3066 | Α | Yes |
| 7 | 5570 | 14 | 1285.3 | 778 | Α | Yes |
| 8 | 5570 | 10 | 1432.7 | 698 | Α | No |
| 9 | 5570 | 17 | 1193.3 | 838 | Α | Yes |
| 10 | 5570 | 16 | 1222.5 | 818 | Α | Yes |
| 11 | 5570 | 21 | 1089.3 | 918 | Α | Yes |
| 12 | 5570 | 20 | 1113.6 | 898 | Α | No |
| 13 | 5570 | 18 | 1165.5 | 858 | Α | Yes |
| 14 | 5570 | 11 | 1392.8 | 718 | Α | No |
| 15 | 5570 | 9 | 1474.9 | 678 | Α | No |
| 16 | 5570 | - | 374.5 | 2670 | В | No |
| 17 | 5570 | - | 1579.8 | 633 | В | Yes |
| 18 | 5570 | - | 800 | 1250 | В | Yes |
| 19 | 5570 | - | 460 | 2174 | В | Yes |
| 20 | 5570 | - | 454.8 | 2199 | В | Yes |
| 21 | 5570 | - | 504 | 1984 | В | Yes |
| 22 | 5570 | - | 1901.1 | 526 | В | Yes |
| 23 | 5570 | - | 463.6 | 2157 | В | Yes |
| 24 | 5570 | - | 594.9 | 1681 | В | Yes |
| 25 | 5570 | - | 1015.2 | 985 | В | Yes |
| 26 | 5570 | - | 570.5 | 1753 | В | Yes |
| 27 | 5570 | - | 978.5 | 1022 | В | Yes |
| 28 | 5570 | - | 1171 | 854 | В | Yes |
| 29 | 5570 | - | 754.7 | 1325 | В | Yes |
| 30 | 5570 | - | 839.6 | 1191 | В | Yes |

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Radar Type2 for 5570MHz

Data Sheet for FCC Radar Type 2

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (23-29) | Pulse Width (1-5) | PRI (150-230) | Successful Detection |
|-------|-----------------------|------------------------------------------|----------------------|------------------|-------------------------|
| | | (23-29) | (μs) | (μs) | (Yes/No) |
| 1 | 5570 | 24 | 1.7 | 181 | Yes |
| 2 | 5570 | 28 | 4.4 | 176 | Yes |
| 3 | 5570 | 26 | 3.2 | 203 | No |
| 4 | 5570 | 23 | 1.5 | 156 | Yes |
| 5 | 5570 | 29 | 4.8 | 214 | Yes |
| 6 | 5570 | 24 | 1.7 | 217 | Yes |
| 7 | 5570 | 28 | 3.9 | 201 | Yes |
| 8 | 5570 | 29 | 4.9 | 153 | Yes |
| 9 | 5570 | 28 | 3.9 | 198 | Yes |
| 10 | 5570 | 28 | 4.1 | 182 | Yes |
| 11 | 5570 | 29 | 4.9 | 183 | Yes |
| 12 | 5570 | 23 | 1.2 | 179 | Yes |
| 13 | 5570 | 28 | 4 | 228 | Yes |
| 14 | 5570 | 27 | 3.8 | 185 | Yes |
| 15 | 5570 | 24 | 1.8 | 160 | Yes |
| 16 | 5570 | 24 | 1.8 | 212 | Yes |
| 17 | 5570 | 29 | 4.9 | 218 | Yes |
| 18 | 5570 | 23 | 1.1 | 186 | Yes |
| 19 | 5570 | 28 | 4 | 173 | Yes |
| 20 | 5570 | 23 | 1.1 | 190 | Yes |
| 21 | 5570 | 28 | 4.1 | 168 | Yes |
| 22 | 5570 | 23 | 1 | 195 | Yes |
| 23 | 5570 | 29 | 5 | 226 | Yes |
| 24 | 5570 | 26 | 2.8 | 169 | Yes |
| 25 | 5570 | 24 | 1.6 | 211 | Yes |
| 26 | 5570 | 28 | 4.1 | 202 | Yes |
| 27 | 5570 | 24 | 2 | 225 | Yes |
| 28 | 5570 | 23 | 1.5 | 208 | Yes |
| 29 | 5570 | 23 | 1.5 | 220 | Yes |
| 30 | 5570 | 29 | 4.6 | 163 | Yes |

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Radar Type3 for 5570MHz

Data Sheet for FCC Radar Type 3

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (16-18) | Pulse Width (6-10) | PRI (200-500) | Successful Detection |
|-------|-----------------------|------------------------------------------|-----------------------|------------------|-------------------------|
| | | (10-10) | (μs) | (μs) | (Yes/No) |
| 1 | 5570 | 16 | 6.7 | 374 | Yes |
| 2 | 5570 | 18 | 9.4 | 224 | Yes |
| 3 | 5570 | 17 | 8.2 | 340 | Yes |
| 4 | 5570 | 16 | 6.5 | 377 | Yes |
| 5 | 5570 | 18 | 9.8 | 387 | Yes |
| 6 | 5570 | 16 | 6.7 | 496 | Yes |
| 7 | 5570 | 18 | 8.9 | 456 | Yes |
| 8 | 5570 | 18 | 9.9 | 432 | Yes |
| 9 | 5570 | 18 | 8.9 | 265 | Yes |
| 10 | 5570 | 18 | 9.1 | 285 | Yes |
| 11 | 5570 | 18 | 9.9 | 310 | Yes |
| 12 | 5570 | 16 | 6.2 | 421 | Yes |
| 13 | 5570 | 18 | 9 | 277 | Yes |
| 14 | 5570 | 18 | 8.8 | 461 | Yes |
| 15 | 5570 | 16 | 6.8 | 313 | Yes |
| 16 | 5570 | 16 | 6.8 | 452 | Yes |
| 17 | 5570 | 18 | 9.9 | 379 | Yes |
| 18 | 5570 | 16 | 6.1 | 360 | Yes |
| 19 | 5570 | 18 | 9 | 471 | Yes |
| 20 | 5570 | 16 | 6.1 | 251 | Yes |
| 21 | 5570 | 18 | 9.1 | 485 | Yes |
| 22 | 5570 | 16 | 6 | 273 | Yes |
| 23 | 5570 | 18 | 10 | 280 | Yes |
| 24 | 5570 | 17 | 7.8 | 316 | Yes |
| 25 | 5570 | 16 | 6.6 | 217 | Yes |
| 26 | 5570 | 18 | 9.1 | 478 | Yes |
| 27 | 5570 | 16 | 7 | 247 | Yes |
| 28 | 5570 | 16 | 6.5 | 368 | Yes |
| 29 | 5570 | 16 | 6.5 | 433 | Yes |
| 30 | 5570 | 18 | 9.6 | 291 | Yes |

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Radar Type4 for 5570MHz

Data Sheet for FCC Radar Type 4

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (12-16) | Pulse Width (11-20) | PRI (200-500) | Successful Detection |
|-------|-----------------------|------------------------------------------|------------------------|------------------|-------------------------|
| | | (12-16) | (μs) | (μs) | (Yes/No) |
| 1 | 5570 | 12 | 12.6 | 374 | Yes |
| 2 | 5570 | 16 | 18.6 | 224 | Yes |
| 3 | 5570 | 14 | 15.9 | 340 | Yes |
| 4 | 5570 | 12 | 12.2 | 377 | Yes |
| 5 | 5570 | 16 | 19.5 | 387 | Yes |
| 6 | 5570 | 12 | 12.6 | 496 | Yes |
| 7 | 5570 | 15 | 17.5 | 456 | Yes |
| 8 | 5570 | 16 | 19.7 | 432 | Yes |
| 9 | 5570 | 15 | 17.5 | 265 | Yes |
| 10 | 5570 | 15 | 17.9 | 285 | Yes |
| 11 | 5570 | 16 | 19.7 | 310 | Yes |
| 12 | 5570 | 12 | 11.5 | 421 | Yes |
| 13 | 5570 | 15 | 17.7 | 277 | Yes |
| 14 | 5570 | 15 | 17.2 | 461 | Yes |
| 15 | 5570 | 13 | 12.9 | 313 | Yes |
| 16 | 5570 | 13 | 12.9 | 452 | Yes |
| 17 | 5570 | 16 | 19.7 | 379 | Yes |
| 18 | 5570 | 12 | 11.3 | 360 | Yes |
| 19 | 5570 | 15 | 17.7 | 471 | Yes |
| 20 | 5570 | 12 | 11.4 | 251 | Yes |
| 21 | 5570 | 15 | 18 | 485 | Yes |
| 22 | 5570 | 12 | 11.1 | 273 | Yes |
| 23 | 5570 | 16 | 20 | 280 | Yes |
| 24 | 5570 | 14 | 15.1 | 316 | Yes |
| 25 | 5570 | 12 | 12.3 | 217 | Yes |
| 26 | 5570 | 15 | 18 | 478 | Yes |
| 27 | 5570 | 13 | 13.3 | 247 | Yes |
| 28 | 5570 | 12 | 12.1 | 368 | Yes |
| 29 | 5570 | 12 | 12.1 | 433 | Yes |
| 30 | 5570 | 16 | 19.1 | 291 | Yes |

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Radar Type5 Trial1 for 5570MHz

| - | | | pe5_Trial1 | for 5570MHz | | |
|-----------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| | r FCC Radar | Type 5 | | | | |
| Trial Number: | ! | 1 | | VSG F | reqency(MHz): | 5570 |
| Number of Bu | rsts in Trial: | | 10 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst (1-3) | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-0) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 59.1 | 7 | | | 509440 |
| 2 | 3 | 91.9 | 7 | 1660.1 | 1168.1 | 798252 |
| 3 | 2 | 77.2 | 7 | 1115.8 | | 1089803 |
| 4 | 1 | 57.1 | 7 | | | 182954 |
| 5 | 3 | 96.9 | 7 | 1047.1 | 1158.1 | 472541 |
| 6 | 1 | 58.8 | 7 | | | 764207 |
| 7 | 3 | 86.3 | 7 | 1509.7 | 1072.7 | 1052613 |
| 8 | 3 | 98.4 | 7 | 1752.6 | 1364.6 | 146682 |
| 9 | 3 | 86 | 7 | 1175 | 1438 | 436627 |
| 10 | 3 | 88.5 | 7 | 1036.5 | 1476.5 | 726571 |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |

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Radar Type5 Trial2 for 5570MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 337 01011 12 | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 2 | | VSG F | VSG Freqency(MHz): 5570 | | |
| Number of Bu | rsts in Trial: | 18 | | Successful Detection: | | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (<i>μ</i> sec) | |
| 1 | 3 | 98.3 | 18 | 1603.7 | 1771.7 | 562697 | |
| 2 | 1 | 53.1 | 18 | | | 61762 | |
| 3 | 3 | 87.2 | 18 | 1444.8 | 1905.8 | 221984 | |
| 4 | 3 | 84.2 | 18 | 1482.8 | 1252.8 | 382580 | |
| 5 | 1 | 60.5 | 18 | | | 545824 | |
| 6 | 1 | 60.7 | 18 | | | 41916 | |
| 7 | 3 | 98 | 18 | 943 | 1185 | 202497 | |
| 8 | 1 | 52 | 18 | | | 364683 | |
| 9 | 3 | 87.3 | 18 | 1352.7 | 1610.7 | 523650 | |
| 10 | 1 | 52.2 | 18 | | | 22040 | |
| 11 | 3 | 88.9 | 18 | 1473.1 | 934.1 | 182605 | |
| 12 | 1 | 50.6 | 18 | | | 344727 | |
| 13 | 3 | 99.6 | 18 | 1275.4 | 1077.4 | 503787 | |
| 14 | 2 | 73 | 18 | 1089 | | 2155 | |
| 15 | 1 | 57.5 | 18 | | | 163531 | |
| 16 | 3 | 88.5 | 18 | 1714.5 | 1147.5 | 323167 | |
| 17 | 1 | 62.7 | 18 | | | 486426 | |
| 18 | 1 | 56.4 | 18 | | | 647396 | |
| 19 | | | | | | | |
| 20 | | | | | | | |

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Radar Type5 Trial3 for 5570MHz

| Data Sheet for | r FCC Radar | | <u> </u> | IOI 337UIVIAZ | | |
|----------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 3 | | VSG Freqency(MHz): | | 5570 |
| Number of Bursts in Trial: | | | 15 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 56.3 | 13 | | | 172380 |
| 2 | 3 | 94.8 | 13 | 1739.2 | 1881.2 | 364228 |
| 3 | 1 | 56.7 | 13 | | | 559965 |
| 4 | 3 | 93.6 | 13 | 1082.4 | 1151.4 | 751506 |
| 5 | 3 | 90.9 | 13 | 1667.1 | 1019.1 | 148092 |
| 6 | 2 | 78.3 | 13 | 1354.7 | | 341768 |
| 7 | 2 | 78.1 | 13 | 1349.9 | | 534604 |
| 8 | 2 | 76.2 | 13 | 1531.8 | | 728198 |
| 9 | 2 | 68.9 | 13 | 1863.1 | | 124389 |
| 10 | 3 | 90.9 | 13 | 1118.1 | 1400.1 | 317319 |
| 11 | 3 | 89.6 | 13 | 1040.4 | 1009.4 | 510719 |
| 12 | 3 | 94.8 | 13 | 1885.2 | 1325.2 | 702709 |
| 13 | 3 | 89.6 | 13 | 1108.4 | 1635.4 | 100500 |
| 14 | 2 | 69 | 13 | 1356 | | 293889 |
| 15 | 3 | 91.3 | 13 | 920.7 | 1182.7 | 486456 |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial4 for 5570MHz

| Data Sheet fo | Data Sheet for FCC Radar Type 5 | | | | | | | |
|----------------------------|---------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|--|
| Trial Number: | | 4 | | VSG F | VSG Freqency(MHz): 5570 | | | |
| Number of Bursts in Trial: | | | 9 | Succes | sful Detection: | Yes | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | | |
| 1 | 3 | 91.6 | 7 | 1688.4 | 1474.4 | 1134233 | | |
| 2 | 3 | 92.5 | 7 | 1172.5 | 1276.5 | 128124 | | |
| 3 | 3 | 93.7 | 7 | 983.3 | 1370.3 | 450387 | | |
| 4 | 3 | 95.6 | 7 | 1189.4 | 1655.4 | 772430 | | |
| 5 | 2 | 77.8 | 7 | 1019.2 | | 1096215 | | |
| 6 | 2 | 70.1 | 7 | 1414.9 | | 88520 | | |
| 7 | 2 | 77.9 | 7 | 1691.1 | | 411200 | | |
| 8 | 2 | 73.7 | 7 | 1137.3 | | 734049 | | |
| 9 | 1 | 51.6 | 7 | | | 1057570 | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

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Radar Type5_Trial5 for 5570MHz

| Data Sheet for | r FCC Radar | | _ | 101 001 01111 12 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 5 | | VSG F | reqency(MHz): | 5570 |
| Number of Bu | rsts in Trial: | 20 | | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 96.2 | 19 | 1814.8 | 1768.8 | 21793 |
| 2 | 2 | 72.7 | 19 | 1039.3 | | 166807 |
| 3 | 3 | 87.1 | 19 | 1526.9 | 1126.9 | 310910 |
| 4 | 1 | 58.4 | 19 | | | 457052 |
| 5 | 3 | 92.3 | 19 | 960.7 | 1797.7 | 4040 |
| 6 | 1 | 54.2 | 19 | | | 149188 |
| 7 | 3 | 99.6 | 19 | 1035.4 | 1143.4 | 293399 |
| 8 | 1 | 58.3 | 19 | | | 439797 |
| 9 | 3 | 96.2 | 19 | 1452.8 | 1137.8 | 581535 |
| 10 | 2 | 79.8 | 19 | 1427.2 | | 131078 |
| 11 | 3 | 92 | 19 | 1477 | 1384 | 275287 |
| 12 | 3 | 91.3 | 19 | 1517.7 | 1414.7 | 419118 |
| 13 | 2 | 81.7 | 19 | 1885.3 | | 565051 |
| 14 | 1 | 54.7 | 19 | | | 113484 |
| 15 | 1 | 62.2 | 19 | | | 258458 |
| 16 | 1 | 58.8 | 19 | | | 403569 |
| 17 | 1 | 56 | 19 | | | 548708 |
| 18 | 3 | 84.3 | 19 | 1838.7 | 1231.7 | 95056 |
| 19 | 3 | 91.9 | 19 | 1000.1 | 941.1 | 240000 |
| 20 | 1 | 57 | 19 | | | 386115 |

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Radar Type5 Trial6 for 5570MHz

| Data Sheet for | r FCC Radar | | peo_maio | 101 337 01011 12 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 6 | | VSG F | VSG Freqency(MHz): | |
| Number of Bu | rsts in Trial: | | 10 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 62.5 | 7 | | | 1063198 |
| 2 | 3 | 92.6 | 7 | 1616.4 | 1575.4 | 155098 |
| 3 | 1 | 62.7 | 7 | | | 446078 |
| 4 | 2 | 69.9 | 7 | 1468.1 | | 735901 |
| 5 | 1 | 59.3 | 7 | | | 1027405 |
| 6 | 1 | 57.9 | 7 | | | 119760 |
| 7 | 2 | 80.5 | 7 | 1573.5 | | 409772 |
| 8 | 1 | 63.9 | 7 | | | 700862 |
| 9 | 3 | 93 | 7 | 1664 | 1779 | 988395 |
| 10 | 3 | 84.9 | 7 | 1906.1 | 1003.1 | 83759 |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial7 for 5570MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 7 | | VSG F | reqency(MHz): | 5570 |
| Number of Bu | rsts in Trial: | | 17 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 86.3 | 16 | 1888.7 | 1559.7 | 218969 |
| 2 | 2 | 78.4 | 16 | 1835.6 | | 390036 |
| 3 | 2 | 71 | 16 | 1137 | | 561109 |
| 4 | 1 | 55 | 16 | | | 28292 |
| 5 | 3 | 97.4 | 16 | 1601.6 | 1030.6 | 198383 |
| 6 | 2 | 68.2 | 16 | 1357.8 | | 369108 |
| 7 | 3 | 91.3 | 16 | 1512.7 | 1851.7 | 538408 |
| 8 | 2 | 69.6 | 16 | 1287.4 | | 7257 |
| 9 | 3 | 83.9 | 16 | 1010.1 | 1627.1 | 177400 |
| 10 | 1 | 64.7 | 16 | | | 348970 |
| 11 | 3 | 91.4 | 16 | 1054.6 | 1044.6 | 517798 |
| 12 | 2 | 81.2 | 16 | 1139.8 | | 689104 |
| 13 | 3 | 98.7 | 16 | 1543.3 | 1007.3 | 156487 |
| 14 | 1 | 59.7 | 16 | | | 327688 |
| 15 | 2 | 77.1 | 16 | 1345.9 | | 497950 |
| 16 | 1 | 50 | 16 | | | 669779 |
| 17 | 1 | 59.9 | 16 | | | 136017 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial8 for 5570MHz

| Data Sheet for | r FCC Radar | | - | IOI 337UIVIAZ | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 8 | | VSG F | VSG Freqency(MHz): | |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 87.7 | 20 | 1689.3 | 1217.3 | 259202 |
| 2 | 2 | 81.4 | 20 | 1558.6 | | 404443 |
| 3 | 3 | 86.8 | 20 | 1491.2 | 1447.2 | 548020 |
| 4 | 2 | 71.8 | 20 | 1145.2 | | 97423 |
| 5 | 3 | 85.9 | 20 | 1063.1 | 1584.1 | 241799 |
| 6 | 3 | 86.1 | 20 | 1259.9 | 1413.9 | 386462 |
| 7 | 2 | 66.7 | 20 | 1659.3 | | 531851 |
| 8 | 3 | 89.2 | 20 | 1584.8 | 1245.8 | 79445 |
| 9 | 1 | 53.6 | 20 | | | 225014 |
| 10 | 1 | 60 | 20 | | | 370318 |
| 11 | 2 | 67.2 | 20 | 1627.8 | | 514028 |
| 12 | 3 | 99.1 | 20 | 1797.9 | 1577.9 | 61519 |
| 13 | 3 | 84.4 | 20 | 1503.6 | 1023.6 | 206168 |
| 14 | 2 | 73.7 | 20 | 1717.3 | | 351455 |
| 15 | 3 | 85.6 | 20 | 1755.4 | 1371.4 | 494388 |
| 16 | 1 | 65.3 | 20 | | | 44026 |
| 17 | 1 | 61.2 | 20 | | | 189213 |
| 18 | 3 | 93.5 | 20 | 1567.5 | 1619.5 | 332370 |
| 19 | 1 | 63.5 | 20 | | | 479707 |
| 20 | 2 | 70.2 | 20 | 1341.8 | | 26103 |

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Radar Type5 Trial9 for 5570MHz

| Data Sheet for | r FCC Radar | | peo_maio | 101 337 01011 12 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 9 | | VSG F | reqency(MHz): | 5570 |
| Number of Bu | rsts in Trial: | 17 | | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (<i>μ</i> sec) |
| 1 | 2 | 76.6 | 16 | 1759.4 | | 201002 |
| 2 | 1 | 57.3 | 16 | | | 372296 |
| 3 | 3 | 94.1 | 16 | 1556.9 | 1512.9 | 540876 |
| 4 | 2 | 67.5 | 16 | 1341.5 | | 9743 |
| 5 | 3 | 86.4 | 16 | 1729.6 | 1692.6 | 179570 |
| 6 | 1 | 50.3 | 16 | | | 351613 |
| 7 | 2 | 77.1 | 16 | 1392.9 | | 521115 |
| 8 | 1 | 65.7 | 16 | | | 693452 |
| 9 | 2 | 81.3 | 16 | 931.7 | | 159294 |
| 10 | 3 | 94 | 16 | 1250 | 1591 | 329164 |
| 11 | 1 | 52.9 | 16 | | | 501099 |
| 12 | 3 | 92.8 | 16 | 1814.2 | 1374.2 | 668892 |
| 13 | 1 | 59.3 | 16 | | | 138587 |
| 14 | 3 | 98 | 16 | 918 | 976 | 308563 |
| 15 | 3 | 92.9 | 16 | 1610.1 | 1303.1 | 477783 |
| 16 | 2 | 82.5 | 16 | 1048.5 | | 649558 |
| 17 | 1 | 56.2 | 16 | | | 117533 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial10 for 5570MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 007 0111112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 10 | | VSG F | reqency(MHz): | 5570 |
| Number of Bu | rsts in Trial: | 17 | | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (µ sec) |
| 1 | 1 | 63.1 | 17 | | | 288175 |
| 2 | 1 | 50.4 | 17 | | | 458948 |
| 3 | 3 | 92.3 | 17 | 1526.7 | 1580.7 | 627428 |
| 4 | 1 | 54.3 | 17 | | | 96478 |
| 5 | 1 | 65.9 | 17 | | | 267403 |
| 6 | 3 | 93.8 | 17 | 1113.2 | 1606.2 | 436454 |
| 7 | 1 | 58.1 | 17 | | | 609164 |
| 8 | 2 | 74.1 | 17 | 928.9 | | 75284 |
| 9 | 2 | 70.5 | 17 | 968.5 | | 245971 |
| 10 | 3 | 99.6 | 17 | 1069.4 | 948.4 | 415984 |
| 11 | 3 | 91.1 | 17 | 1799.9 | 928.9 | 585536 |
| 12 | 1 | 55.7 | 17 | | | 54333 |
| 13 | 1 | 65.8 | 17 | | | 225282 |
| 14 | 3 | 87.4 | 17 | 1038.6 | 1314.6 | 394699 |
| 15 | 1 | 66.2 | 17 | | | 567200 |
| 16 | 1 | 63.5 | 17 | | | 33292 |
| 17 | 2 | 79.8 | 17 | 1787.2 | | 203723 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial11 for 5570MHz

| Data Sheet fo | r FCC Radar | | | 101 007 01111 12 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 11 | | VSG F | reqency(MHz): | 5578 |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 3 | 83.4 | 20 | 1425.6 | 1742.6 | 316860 |
| 2 | 2 | 80.3 | 20 | 1296.7 | | 462407 |
| 3 | 3 | 87.4 | 20 | 1676.6 | 999.6 | 10359 |
| 4 | 2 | 69.2 | 20 | 1514.8 | | 155168 |
| 5 | 3 | 85.4 | 20 | 1880.6 | 1071.6 | 299305 |
| 6 | 3 | 85.5 | 20 | 1822.5 | 951.5 | 443321 |
| 7 | 1 | 59 | 20 | | | 590629 |
| 8 | 1 | 51 | 20 | | | 137592 |
| 9 | 1 | 57.9 | 20 | | | 282763 |
| 10 | 1 | 59.7 | 20 | | | 428189 |
| 11 | 1 | 57.1 | 20 | | | 572919 |
| 12 | 2 | 74.4 | 20 | 998.6 | | 119660 |
| 13 | 3 | 89.8 | 20 | 1317.2 | 1527.2 | 263511 |
| 14 | 3 | 86.4 | 20 | 1293.6 | 1464.6 | 407997 |
| 15 | 2 | 80.9 | 20 | 1882.1 | | 553129 |
| 16 | 1 | 53.1 | 20 | | | 101934 |
| 17 | 1 | 59.1 | 20 | | | 247263 |
| 18 | 3 | 98.2 | 20 | 1551.8 | 1397.8 | 389873 |
| 19 | 3 | 93.1 | 20 | 1835.9 | 1901.9 | 533892 |
| 20 | 2 | 71.2 | 20 | 1658.8 | | 83872 |

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Radar Type5 Trial12 for 5570MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 337 01011 12 | - | |
|----------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 12 | | VSG Freqency(MHz): 5572 | | |
| Number of Bursts in Trial: | | 8 | | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 65.9 | 5 | | | 573744 |
| 2 | 1 | 60.6 | 5 | | | 937428 |
| 3 | 1 | 63.6 | 5 | | | 1300460 |
| 4 | 3 | 86 | 5 | 1516 | 1359 | 165310 |
| 5 | 3 | 93.5 | 5 | 1257.5 | 1118.5 | 528261 |
| 6 | 1 | 65.8 | 5 | | | 892561 |
| 7 | 1 | 50.8 | 5 | | | 1256298 |
| 8 | 3 | 86.1 | 5 | 1375.9 | 1225.9 | 120682 |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial13 for 5570MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 007 0111112 | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|---------------------------|-----------------------------------------|--|
| Trial Number: | | 13 | | VSG F | VSG Freqency(MHz): 5576.4 | | |
| Number of Bu | rsts in Trial: | 17 | | Successful Detection: | | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) | |
| 1 | 1 | 59.9 | 16 | | | 227584 | |
| 2 | 1 | 65.4 | 16 | | | 398367 | |
| 3 | 1 | 56.5 | 16 | | | 569576 | |
| 4 | 3 | 86.7 | 16 | 1443.3 | 1637.3 | 35641 | |
| 5 | 2 | 79.3 | 16 | 1825.7 | | 206178 | |
| 6 | 2 | 79.5 | 16 | 1168.5 | | 377006 | |
| 7 | 1 | 64.6 | 16 | | | 548078 | |
| 8 | 1 | 62.5 | 16 | | | 14742 | |
| 9 | 3 | 95.2 | 16 | 1101.8 | 1646.8 | 184786 | |
| 10 | 3 | 87 | 16 | 1883 | 1468 | 354741 | |
| 11 | 2 | 77.8 | 16 | 1739.2 | | 525562 | |
| 12 | 1 | 65 | 16 | | | 698312 | |
| 13 | 2 | 83.3 | 16 | 1716.7 | | 164078 | |
| 14 | 1 | 53.3 | 16 | | | 335420 | |
| 15 | 1 | 57.9 | 16 | | | 505990 | |
| 16 | 3 | 84 | 16 | 1505 | 1682 | 674134 | |
| 17 | 1 | 50.9 | 16 | | | 143497 | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

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Radar Type5_Trial14 for 5570MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 007 0111112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 14 | | VSG F | reqency(MHz): | 5576 |
| Number of Bu | rsts in Trial: | 16 | | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 3 | 99.7 | 15 | 1555.3 | 1353.3 | 332503 |
| 2 | 2 | 80.8 | 15 | 1032.2 | | 514538 |
| 3 | 1 | 63.2 | 15 | | | 697203 |
| 4 | 1 | 60.2 | 15 | | | 130200 |
| 5 | 1 | 52.6 | 15 | | | 311598 |
| 6 | 1 | 56.7 | 15 | | | 493351 |
| 7 | 3 | 89.2 | 15 | 1070.8 | 1547.8 | 671750 |
| 8 | 2 | 73.2 | 15 | 1082.8 | | 107602 |
| 9 | 3 | 92.4 | 15 | 1522.6 | 1077.6 | 288052 |
| 10 | 1 | 63.8 | 15 | | | 470601 |
| 11 | 2 | 72.7 | 15 | 1495.3 | | 651121 |
| 12 | 2 | 66.7 | 15 | 1098.3 | | 85311 |
| 13 | 1 | 51.4 | 15 | | | 266788 |
| 14 | 2 | 75.7 | 15 | 948.3 | | 447563 |
| 15 | 2 | 69.5 | 15 | 1450.5 | | 628623 |
| 16 | 3 | 84.7 | 15 | 1230.3 | 1221.3 | 62779 |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial15 for 5570MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 15 | | VSG F | reqency(MHz): | 5573.2 |
| Number of Bu | rsts in Trial: | | 10 | Successful Detection: | | No |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 72.9 | 8 | 1194.1 | | 391332 |
| 2 | 3 | 91.1 | 8 | 1090.9 | 967.9 | 680940 |
| 3 | 3 | 92.5 | 8 | 1080.5 | 1669.5 | 970216 |
| 4 | 1 | 53.1 | 8 | | | 65107 |
| 5 | 2 | 70.4 | 8 | 1036.6 | | 355600 |
| 6 | 3 | 95.2 | 8 | 1611.8 | 1515.8 | 644771 |
| 7 | 1 | 60.2 | 8 | | | 936977 |
| 8 | 2 | 71.8 | 8 | 963.2 | | 29299 |
| 9 | 2 | 68.3 | 8 | 1812.7 | | 319584 |
| 10 | 1 | 58 | 8 | | | 610799 |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
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Radar Type5_Trial16 for 5570MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 007 01111 12 | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 16 | | VSG F | VSG Freqency(MHz): | | |
| Number of Bu | rsts in Trial: | | 10 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (<i>μ</i> sec) | |
| 1 | 2 | 72.1 | 8 | 1879.9 | | 899637 | |
| 2 | 2 | 70.4 | 8 | 1115.6 | | 1191192 | |
| 3 | 2 | 78 | 8 | 1841 | | 283633 | |
| 4 | 3 | 87.9 | 8 | 1743.1 | 912.1 | 573535 | |
| 5 | 1 | 62.6 | 8 | | | 865840 | |
| 6 | 1 | 52.7 | 8 | | | 1156140 | |
| 7 | 2 | 79.7 | 8 | 1882.3 | | 247878 | |
| 8 | 3 | 85 | 8 | 1425 | 1156 | 537782 | |
| 9 | 3 | 93.8 | 8 | 1793.2 | 1217.2 | 827726 | |
| 10 | 3 | 85.1 | 8 | 1031.9 | 1278.9 | 1118519 | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | | | | | | | |
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Radar Type5 Trial17 for 5570MHz

| Data Sheet for | r FCC Radar | | | 101 337 01011 12 | - | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 17 | | VSG Freqency(MHz): 5578 | | |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 87.6 | 20 | 1717.4 | 1407.4 | 105547 |
| 2 | 2 | 75.8 | 20 | 1425.2 | | 250609 |
| 3 | 1 | 57.2 | 20 | | | 396590 |
| 4 | 1 | 58.7 | 20 | | | 541462 |
| 5 | 2 | 67.4 | 20 | 963.6 | | 88091 |
| 6 | 1 | 63.5 | 20 | | | 233418 |
| 7 | 3 | 87 | 20 | 1077 | 1649 | 377062 |
| 8 | 1 | 65.6 | 20 | | | 523460 |
| 9 | 3 | 91.9 | 20 | 1897.1 | 1683.1 | 69979 |
| 10 | 3 | 95.8 | 20 | 1828.2 | 1786.2 | 214294 |
| 11 | 3 | 93.7 | 20 | 1745.3 | 1039.3 | 359070 |
| 12 | 1 | 61.3 | 20 | | | 505518 |
| 13 | 1 | 58.2 | 20 | | | 52488 |
| 14 | 2 | 80.4 | 20 | 995.6 | | 197237 |
| 15 | 1 | 60.3 | 20 | | | 342630 |
| 16 | 1 | 62.2 | 20 | | | 488303 |
| 17 | 1 | 65.5 | 20 | | | 34613 |
| 18 | 2 | 80.9 | 20 | 1435.1 | | 179370 |
| 19 | 2 | 80.6 | 20 | 1512.4 | | 323860 |
| 20 | 1 | 54.5 | 20 | | | 470010 |

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Radar Type5_Trial18 for 5570MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 007 0111112 | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 18 | | VSG F | VSG Freqency(MHz): 5572 | | |
| Number of Bu | rsts in Trial: | | 8 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (<i>μ</i> sec) | |
| 1 | 2 | 70.6 | 5 | 1666.4 | | 41914 | |
| 2 | 3 | 91.4 | 5 | 1425.6 | 1498.6 | 404450 | |
| 3 | 3 | 91.9 | 5 | 1049.1 | 1234.1 | 767322 | |
| 4 | 3 | 94.7 | 5 | 1745.3 | 1228.3 | 1130146 | |
| 5 | 3 | 84.6 | 5 | 1701.4 | 1803.4 | 1491872 | |
| 6 | 2 | 68.7 | 5 | 1702.3 | | 360212 | |
| 7 | 3 | 95.2 | 5 | 1537.8 | 914.8 | 722556 | |
| 8 | 1 | 54.4 | 5 | | | 1087403 | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
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Radar Type5_Trial19 for 5570MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 007 0111112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 19 | | VSG F | reqency(MHz): | 5576.4 |
| Number of Bu | rsts in Trial: | | 17 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| , , | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 1 | 51.2 | 16 | | | 682333 |
| 2 | 2 | 70 | 16 | 1890 | | 148141 |
| 3 | 3 | 87.1 | 16 | 1111.9 | 1816.9 | 317843 |
| 4 | 1 | 66.5 | 16 | | | 490243 |
| 5 | 2 | 81.9 | 16 | 1748.1 | | 659612 |
| 6 | 3 | 84.4 | 16 | 1473.6 | 1702.6 | 126814 |
| 7 | 3 | 97.1 | 16 | 1256.9 | 1115.9 | 297138 |
| 8 | 3 | 97.1 | 16 | 1501.9 | 1126.9 | 467069 |
| 9 | 3 | 83.8 | 16 | 1881.2 | 1217.2 | 637118 |
| 10 | 3 | 83.8 | 16 | 1718.2 | 1867.2 | 105782 |
| 11 | 3 | 85.7 | 16 | 1259.3 | 1747.3 | 276164 |
| 12 | 1 | 56.9 | 16 | | | 447838 |
| 13 | 1 | 58.2 | 16 | | | 618683 |
| 14 | 3 | 94.6 | 16 | 1016.4 | 1595.4 | 85059 |
| 15 | 2 | 80 | 16 | 1395 | | 255699 |
| 16 | 2 | 72.5 | 16 | 1050.5 | | 426145 |
| 17 | 1 | 64.3 | 16 | | | 597573 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial20 for 5570MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 20 | | VSG F | reqency(MHz): | 5572 |
| Number of Bu | rsts in Trial: | | 8 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 60.8 | 5 | | | 136752 |
| 2 | 1 | 62.1 | 5 | | | 500258 |
| 3 | 3 | 97.7 | 5 | 1616.3 | 1761.3 | 861553 |
| 4 | 2 | 77.5 | 5 | 1124.5 | | 1226154 |
| 5 | 1 | 50.4 | 5 | | | 92007 |
| 6 | 3 | 87.2 | 5 | 1301.8 | 1083.8 | 454685 |
| 7 | 3 | 98.8 | 5 | 1446.2 | 1342.2 | 817019 |
| 8 | 1 | 54.3 | 5 | | | 1182180 |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
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Radar Type5 Trial21 for 5570MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 337 01011 12 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 21 | | VSG F | reqency(MHz): | 5563.2 |
| Number of Bu | rsts in Trial: | | 18 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 89.3 | 17 | 1705.7 | 1183.7 | 20880 |
| 2 | 1 | 64.5 | 17 | | | 182248 |
| 3 | 3 | 96.3 | 17 | 1456.7 | 1686.7 | 341878 |
| 4 | 3 | 84 | 17 | 1675 | 1459 | 502141 |
| 5 | 1 | 62.6 | 17 | | | 1108 |
| 6 | 2 | 74.1 | 17 | 1747.9 | | 161893 |
| 7 | 3 | 98.7 | 17 | 1121.3 | 1005.3 | 322414 |
| 8 | 2 | 68.3 | 17 | 1047.7 | | 484272 |
| 9 | 2 | 82.5 | 17 | 1225.5 | | 644752 |
| 10 | 1 | 64.4 | 17 | | | 142497 |
| 11 | 2 | 71.8 | 17 | 1153.2 | | 303496 |
| 12 | 1 | 58.7 | 17 | | | 464963 |
| 13 | 2 | 77.2 | 17 | 1213.8 | | 624911 |
| 14 | 2 | 79.4 | 17 | 1654.6 | | 122281 |
| 15 | 2 | 73.9 | 17 | 1634.1 | | 283090 |
| 16 | 3 | 83.4 | 17 | 1309.6 | 1851.6 | 443010 |
| 17 | 1 | 63.3 | 17 | | | 606495 |
| 18 | 2 | 78.4 | 17 | 1625.6 | | 102588 |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial22 for 5570MHz

| Data Sheet for | r FCC Radar | | | 101 337 0101112 | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 22 | | VSG F | VSG Freqency(MHz): | | |
| Number of Bu | rsts in Trial: | | 8 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | |
| 1 | 2 | 81.7 | 5 | 988.3 | | 594489 | |
| 2 | 3 | 95.2 | 5 | 1595.8 | 1423.8 | 956241 | |
| 3 | 2 | 73.6 | 5 | 1291.4 | | 1320943 | |
| 4 | 3 | 96.4 | 5 | 941.6 | 953.6 | 186647 | |
| 5 | 2 | 76 | 5 | 1696 | | 549619 | |
| 6 | 1 | 61.4 | 5 | | | 913859 | |
| 7 | 2 | 69.3 | 5 | 1407.7 | | 1275841 | |
| 8 | 2 | 80.3 | 5 | 1306.7 | | 141976 | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
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| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

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Radar Type5_Trial23 for 5570MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 007 0111112 | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 23 | | VSG F | VSG Freqency(MHz): 5562 | | |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| , , | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) | |
| 1 | 2 | 73.7 | 20 | 1882.3 | | 201131 | |
| 2 | 1 | 56.6 | 20 | | | 347220 | |
| 3 | 3 | 97.6 | 20 | 948.4 | 1303.4 | 489894 | |
| 4 | 2 | 76.9 | 20 | 1374.1 | | 38809 | |
| 5 | 1 | 50.8 | 20 | | | 183989 | |
| 6 | 2 | 82.8 | 20 | 1672.2 | | 327977 | |
| 7 | 3 | 88.3 | 20 | 1857.7 | 1575.7 | 471382 | |
| 8 | 1 | 62.1 | 20 | | | 20997 | |
| 9 | 3 | 92.7 | 20 | 1454.3 | 1612.3 | 165208 | |
| 10 | 2 | 69.9 | 20 | 1313.1 | | 310575 | |
| 11 | 1 | 50.8 | 20 | | | 456505 | |
| 12 | 1 | 63.1 | 20 | | | 3113 | |
| 13 | 2 | 71.2 | 20 | 1190.8 | | 148078 | |
| 14 | 1 | 59.6 | 20 | | | 293503 | |
| 15 | 3 | 87.1 | 20 | 1665.9 | 1358.9 | 435927 | |
| 16 | 3 | 88.7 | 20 | 1434.3 | 1148.3 | 581491 | |
| 17 | 2 | 75.7 | 20 | 1130.3 | | 130019 | |
| 18 | 2 | 80.2 | 20 | 994.8 | | 275010 | |
| 19 | 1 | 58.1 | 20 | | | 421000 | |
| 20 | 1 | 63.8 | 20 | | | 565855 | |

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Radar Type5 Trial24 for 5570MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 337 01011 12 | <u>-</u> | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|---------------------------|-----------------------------------------|--|
| Trial Number: | | 24 | | VSG F | VSG Freqency(MHz): 5565.2 | | |
| Number of Bu | rsts in Trial: | 13 | | Successful Detection: | | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (<i>μ</i> sec) | |
| 1 | 3 | 87.2 | 12 | 1194.8 | 1439.8 | 172678 | |
| 2 | 2 | 81.5 | 12 | 1286.5 | | 396265 | |
| 3 | 3 | 88.3 | 12 | 1766.7 | 1405.7 | 617882 | |
| 4 | 1 | 64.3 | 12 | | | 843729 | |
| 5 | 1 | 64.2 | 12 | | | 145686 | |
| 6 | 2 | 72 | 12 | 1752 | | 368568 | |
| 7 | 1 | 55.5 | 12 | | | 593039 | |
| 8 | 1 | 53.6 | 12 | | | 816541 | |
| 9 | 2 | 80.8 | 12 | 1034.2 | | 118021 | |
| 10 | 3 | 93 | 12 | 1505 | 1651 | 340336 | |
| 11 | 3 | 88.5 | 12 | 1543.5 | 1632.5 | 563217 | |
| 12 | 3 | 84.8 | 12 | 971.2 | 1099.2 | 787034 | |
| 13 | 1 | 64.6 | 12 | | | 90662 | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

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Radar Type5_Trial25 for 5570MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 007 0111112 | | |
|----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 25 | | VSG F | VSG Freqency(MHz): | |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes |
| | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| , , | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 2 | 82.3 | 7 | 1706.7 | | 453486 |
| 2 | 1 | 50.4 | 7 | | | 777166 |
| 3 | 3 | 92.1 | 7 | 1227.9 | 1878.9 | 1097070 |
| 4 | 2 | 70.8 | 7 | 1646.2 | | 91097 |
| 5 | 1 | 55.5 | 7 | | | 414338 |
| 6 | 1 | 63.5 | 7 | | | 737249 |
| 7 | 3 | 89 | 7 | 1592 | 1577 | 1057645 |
| 8 | 2 | 70.5 | 7 | 1857.5 | | 51362 |
| 9 | 1 | 65 | 7 | | | 374501 |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial26 for 5570MHz

| Data Sheet fo | r FCC Radar | | | 101 337 01011 12 | - | |
|---------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 26 | | VSG Freqency(MHz): | | 5563.2 |
| Number of Bu | rsts in Trial: | | 18 | Succes | sful Detection: | Yes |
| | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | $(\mu \text{ sec})$ |
| 1 | 3 | 86.8 | 17 | 1496.2 | 917.2 | 347149 |
| 2 | 1 | 53.9 | 17 | | | 509709 |
| 3 | 2 | 82.6 | 17 | 1713.4 | | 5797 |
| 4 | 1 | 50.1 | 17 | | | 167090 |
| 5 | 1 | 57.2 | 17 | | | 328556 |
| 6 | 2 | 72.1 | 17 | 1825.9 | | 488346 |
| 7 | 1 | 58.1 | 17 | | | 651581 |
| 8 | 3 | 85 | 17 | 1678 | 1752 | 146548 |
| 9 | 2 | 70.6 | 17 | 1656.4 | | 307913 |
| 10 | 3 | 95.9 | 17 | 1122.1 | 1174.1 | 468131 |
| 11 | 1 | 53.3 | 17 | | | 631137 |
| 12 | 1 | 55.5 | 17 | | | 127380 |
| 13 | 3 | 93.2 | 17 | 907.8 | 972.8 | 287659 |
| 14 | 3 | 92.3 | 17 | 1372.7 | 1012.7 | 448127 |
| 15 | 2 | 68.3 | 17 | 1588.7 | | 610275 |
| 16 | 2 | 83.2 | 17 | 1396.8 | | 107311 |
| 17 | 1 | 62.7 | 17 | | | 268650 |
| 18 | 2 | 78.9 | 17 | 1055.1 | | 429390 |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial27 for 5570MHz

| Data Sheet for | r FCC Radar | | <u>-</u> | 101 007 0111112 | | |
|----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 27 | | VSG F | VSG Freqency(MHz): | |
| Number of Bu | rsts in Trial: | | 11 | Succes | sful Detection: | Yes |
| - | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| , , | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 2 | 77.3 | 9 | 1548.7 | | 967708 |
| 2 | 3 | 84.7 | 9 | 933.3 | 1899.3 | 143119 |
| 3 | 2 | 81.4 | 9 | 1065.6 | | 407207 |
| 4 | 3 | 99.7 | 9 | 1612.3 | 1785.3 | 669965 |
| 5 | 2 | 81.4 | 9 | 1703.6 | | 934440 |
| 6 | 1 | 66 | 9 | | | 111014 |
| 7 | 3 | 98.5 | 9 | 1180.5 | 1462.5 | 374388 |
| 8 | 3 | 88.9 | 9 | 1787.1 | 1791.1 | 637416 |
| 9 | 1 | 59.2 | 9 | | | 903598 |
| 10 | 3 | 95 | 9 | 1194 | 1508 | 78243 |
| 11 | 2 | 67.9 | 9 | 1347.1 | | 342248 |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial28 for 5570MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 007 0111112 | | |
|----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 28 | | VSG F | VSG Freqency(MHz): | |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes |
| | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| , , | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 2 | 70.2 | 7 | 1051.8 | | 741321 |
| 2 | 1 | 66.6 | 7 | | | 1065352 |
| 3 | 2 | 69.2 | 7 | 1202.8 | | 56078 |
| 4 | 3 | 93.4 | 7 | 1319.6 | 1848.6 | 378138 |
| 5 | 2 | 72.1 | 7 | 1345.9 | | 701259 |
| 6 | 3 | 94.8 | 7 | 1845.2 | 954.2 | 1022982 |
| 7 | 3 | 84.3 | 7 | 1209.7 | 1367.7 | 16313 |
| 8 | 2 | 81.8 | 7 | 1232.2 | | 339081 |
| 9 | 1 | 64.1 | 7 | | | 662528 |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial29 for 5570MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 29 | 29 | | reqency(MHz): | 5567.2 |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 64.7 | 7 | | | 985215 |
| 2 | 3 | 83.4 | 7 | 1202.6 | 1248.6 | 1306313 |
| 3 | 3 | 95.5 | 7 | 1388.5 | 956.5 | 299081 |
| 4 | 3 | 95.8 | 7 | 1556.2 | 1547.2 | 620941 |
| 5 | 2 | 72.3 | 7 | 1260.7 | | 944794 |
| 6 | 3 | 92.7 | 7 | 1285.3 | 1478.3 | 1265869 |
| 7 | 2 | 81.4 | 7 | 1318.6 | | 259573 |
| 8 | 1 | 59.1 | 7 | | | 582857 |
| 9 | 3 | 89.2 | 7 | 1446.8 | 1680.8 | 903605 |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
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| 17 | | | | | | |
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Radar Type5 Trial30 for 5570MHz

| Data Sheet for | r FCC Radar | | | 101 337 01011 12 | - | |
|----------------|----------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 30 | | VSG F | 5562.4 | |
| Number of Bu | rsts in Trial: | | 19 | Succes | sful Detection: | Yes |
| (8-20) Burst | Pulses per | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 1 | 58.1 | 19 | | | 581502 |
| 2 | 2 | 73.8 | 19 | 1264.2 | | 103807 |
| 3 | 3 | 87.6 | 19 | 1087.4 | 1504.4 | 255951 |
| 4 | 3 | 92.9 | 19 | 1681.1 | 1542.1 | 407340 |
| 5 | 3 | 84.7 | 19 | 1699.3 | 1863.3 | 559611 |
| 6 | 1 | 61.6 | 19 | | | 85254 |
| 7 | 3 | 85.8 | 19 | 981.2 | 1515.2 | 237079 |
| 8 | 3 | 83.7 | 19 | 1366.3 | 1437.3 | 389094 |
| 9 | 3 | 87.1 | 19 | 1754.9 | 1885.9 | 540109 |
| 10 | 2 | 72.6 | 19 | 953.4 | | 66354 |
| 11 | 1 | 66.5 | 19 | | | 219258 |
| 12 | 1 | 51.7 | 19 | | | 372044 |
| 13 | 2 | 68.3 | 19 | 1368.7 | | 523525 |
| 14 | 1 | 62.9 | 19 | | | 47622 |
| 15 | 1 | 63.1 | 19 | | | 200428 |
| 16 | 2 | 67.1 | 19 | 1227.9 | | 352345 |
| 17 | 1 | 50.4 | 19 | | | 506362 |
| 18 | 2 | 79.3 | 19 | 1688.7 | | 28704 |
| 19 | 3 | 84.2 | 19 | 1118.8 | 1119.8 | 180784 |
| 20 | | | | | | |

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Radar Type6 for 5570MHz

Data Sheet for FCC Radar Type 6

| Trial | Pulse Width | PRI | Pulses per Hop | Hopping Rate | Hopping Sequence Length | Successful Detection |
|-------|----------------|----------|----------------------|-----------------|-------------------------------|-------------------------|
| | (μ sec) | (μ sec) | | (kHz) | (msec) | (Yes/No) |
| 1 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 2 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 3 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 4 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 5 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 6 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 7 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 8 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 9 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 10 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 11 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 12 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 13 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 14 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 15 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 16 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 17 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 18 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 19 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 20 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 21 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 22 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 23 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 24 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 25 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 26 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 27 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 28 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 29 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 30 | 1 | 333 | 9 | 0.333 | 300 | Yes |

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HE20 5320MHz

| Short Pulse Radar Type | Minimum Number of Trials | Detection(%) | | Minmum Percentage of Successful Detection(%) | Pass/Fail |
|---------------------------------|------------------------------------------|----------------------|-----------------------|----------------------------------------------|-----------|
| 1 | 30 | 86 | .67 | 60 | Pass |
| 2 | 30 | 73 | .33 | 60 | Pass |
| 3 | 30 | 76 | .67 | 60 | Pass |
| 4 | 30 | 86 | .67 | 60 | Pass |
| Aggregate (Radar Types 1-4) | 120 | 80. | 835 | 80 | Pass |
| Long Pulse Radar Type | Minimum Number of Trials | Each Detection(%) | Total Detection(%) | Minmum Percentage of Successful Detection(%) | Pass/Fail |
| 5 | Center:10 Low Edge:10 High Edge:10 | 100 100 100 | 100 | 80 | Pass |
| Frequency Hopping Radar Type | Minimum Number of Trials | Detec | tion(%) | Minmum Percentage of Successful Detection(%) | Pass/Fail |
| 6 | 30 | 1 | 00 | 70 | Pass |

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Radar Type1 for 5320MHz

Data Sheet for FCC Radar Type 1

| VSG Freqency | Pulse Repetition Frequency | Pulse Repetition Frequency | PRI | Test A/B | Successful Detection |
|-----------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| (141112) | Number (1 to 23) | (Pulses Per Second) | (msec) | A/B | (Yes/No) |
| 5320 | 12 | 1355 | 738 | Α | Yes |
| 5320 | 13 | 1319.3 | 758 | Α | Yes |
| 5320 | 1 | 1930.5 | 518 | Α | Yes |
| 5320 | 3 | 1792.1 | 558 | Α | Yes |
| 5320 | 4 | 1730.1 | 578 | Α | Yes |
| 5320 | 23 | 326.2 | 3066 | Α | Yes |
| 5320 | 14 | 1285.3 | 778 | Α | Yes |
| 5320 | 10 | 1432.7 | 698 | Α | Yes |
| 5320 | 17 | 1193.3 | 838 | Α | Yes |
| 5320 | 16 | 1222.5 | 818 | Α | Yes |
| 5320 | 21 | 1089.3 | 918 | Α | Yes |
| 5320 | 20 | 1113.6 | 898 | Α | Yes |
| 5320 | 18 | 1165.5 | 858 | Α | Yes |
| 5320 | 11 | 1392.8 | 718 | Α | No |
| 5320 | 9 | 1474.9 | 678 | Α | Yes |
| 5320 | - | 374.5 | 2670 | В | Yes |
| 5320 | - | 1579.8 | 633 | В | Yes |
| 5320 | - | 800 | 1250 | В | No |
| 5320 | - | 460 | 2174 | В | No |
| 5320 | - | 454.8 | 2199 | В | Yes |
| 5320 | - | 504 | 1984 | В | No |
| 5320 | - | 1901.1 | 526 | В | Yes |
| 5320 | - | 463.6 | 2157 | В | Yes |
| 5320 | - | 594.9 | 1681 | В | Yes |
| 5320 | - | 1015.2 | 985 | В | Yes |
| 5320 | - | 570.5 | 1753 | В | Yes |
| 5320 | - | 978.5 | 1022 | В | Yes |
| 5320 | - | 1171 | 854 | В | Yes |
| 5320 | - | 754.7 | 1325 | В | Yes |
| 5320 | - | 839.6 | 1191 | В | Yes |
| | 5320 5320 5320 5320 5320 5320 5320 5320 | Frequency (MHz) Number (1 to 23) 5320 12 5320 13 5320 1 5320 3 5320 4 5320 23 5320 14 5320 16 5320 17 5320 16 5320 17 5320 16 5320 21 5320 21 5320 18 5320 11 5320 9 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 - 5320 | VSG Frequency (MHz) Frequency Frequency 5320 12 1355 5320 13 1319.3 5320 1 1930.5 5320 3 1792.1 5320 4 1730.1 5320 23 326.2 5320 14 1285.3 5320 10 1432.7 5320 17 1193.3 5320 16 1222.5 5320 21 1089.3 5320 20 1113.6 5320 18 1165.5 5320 1 1392.8 5320 9 1474.9 5320 - 374.5 5320 - 1579.8 5320 - 460 5320 - 460 5320 - 454.8 5320 - 504 5320 - 1901.1 5320 - 594.9 <tr< td=""><td>Frequency (MHz) Frequency Frequency Frequency PRI 5320 12 1355 738 5320 13 1319.3 758 5320 1 1930.5 518 5320 3 1792.1 558 5320 4 1730.1 578 5320 23 326.2 3066 5320 14 1285.3 778 5320 14 1285.3 778 5320 10 1432.7 698 5320 17 1193.3 838 5320 16 1222.5 818 5320 21 1089.3 918 5320 21 1089.3 918 5320 18 1165.5 858 5320 11 1392.8 718 5320 9 1474.9 678 5320 - 374.5 2670 5320 - 374.5 2670</td><td> Frequency (MHz) Frequency Frequency (MHz) (Pulses Per Second) (msec) A/B </td></tr<> | Frequency (MHz) Frequency Frequency Frequency PRI 5320 12 1355 738 5320 13 1319.3 758 5320 1 1930.5 518 5320 3 1792.1 558 5320 4 1730.1 578 5320 23 326.2 3066 5320 14 1285.3 778 5320 14 1285.3 778 5320 10 1432.7 698 5320 17 1193.3 838 5320 16 1222.5 818 5320 21 1089.3 918 5320 21 1089.3 918 5320 18 1165.5 858 5320 11 1392.8 718 5320 9 1474.9 678 5320 - 374.5 2670 5320 - 374.5 2670 | Frequency (MHz) Frequency Frequency (MHz) (Pulses Per Second) (msec) A/B |

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Radar Type2 for 5320MHz

Data Sheet for FCC Radar Type 2

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (23-29) | Pulse Width (1-5) | PRI (150-230) | Successful Detection |
|-------|-----------------------|------------------------------------------|----------------------|------------------|-------------------------|
| | | (23-29) | (μs) | (μs) | (Yes/No) |
| 1 | 5320 | 24 | 1.7 | 181 | Yes |
| 2 | 5320 | 28 | 4.4 | 176 | No |
| 3 | 5320 | 26 | 3.2 | 203 | Yes |
| 4 | 5320 | 23 | 1.5 | 156 | Yes |
| 5 | 5320 | 29 | 4.8 | 214 | No |
| 6 | 5320 | 24 | 1.7 | 217 | No |
| 7 | 5320 | 28 | 3.9 | 201 | Yes |
| 8 | 5320 | 29 | 4.9 | 153 | No |
| 9 | 5320 | 28 | 3.9 | 198 | Yes |
| 10 | 5320 | 28 | 4.1 | 182 | Yes |
| 11 | 5320 | 29 | 4.9 | 183 | Yes |
| 12 | 5320 | 23 | 1.2 | 179 | No |
| 13 | 5320 | 28 | 4 | 228 | Yes |
| 14 | 5320 | 27 | 3.8 | 185 | Yes |
| 15 | 5320 | 24 | 1.8 | 160 | Yes |
| 16 | 5320 | 24 | 1.8 | 212 | Yes |
| 17 | 5320 | 29 | 4.9 | 218 | Yes |
| 18 | 5320 | 23 | 1.1 | 186 | Yes |
| 19 | 5320 | 28 | 4 | 173 | Yes |
| 20 | 5320 | 23 | 1.1 | 190 | Yes |
| 21 | 5320 | 28 | 4.1 | 168 | Yes |
| 22 | 5320 | 23 | 1 | 195 | No |
| 23 | 5320 | 29 | 5 | 226 | Yes |
| 24 | 5320 | 26 | 2.8 | 169 | No |
| 25 | 5320 | 24 | 1.6 | 211 | Yes |
| 26 | 5320 | 28 | 4.1 | 202 | No |
| 27 | 5320 | 24 | 2 | 225 | Yes |
| 28 | 5320 | 23 | 1.5 | 208 | Yes |
| 29 | 5320 | 23 | 1.5 | 220 | Yes |
| 30 | 5320 | 29 | 4.6 | 163 | Yes |

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Radar Type3 for 5320MHz

Data Sheet for FCC Radar Type 3

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (16-18) | Pulse Width (6-10) | PRI (200-500) | Successful Detection |
|-------|-----------------------|------------------------------------------|-----------------------|------------------|-------------------------|
| | | (10-10) | (μs) | (μs) | (Yes/No) |
| 1 | 5320 | 16 | 6.7 | 374 | Yes |
| 2 | 5320 | 18 | 9.4 | 224 | Yes |
| 3 | 5320 | 17 | 8.2 | 340 | No |
| 4 | 5320 | 16 | 6.5 | 377 | Yes |
| 5 | 5320 | 18 | 9.8 | 387 | Yes |
| 6 | 5320 | 16 | 6.7 | 496 | Yes |
| 7 | 5320 | 18 | 8.9 | 456 | Yes |
| 8 | 5320 | 18 | 9.9 | 432 | Yes |
| 9 | 5320 | 18 | 8.9 | 265 | Yes |
| 10 | 5320 | 18 | 9.1 | 285 | Yes |
| 11 | 5320 | 18 | 9.9 | 310 | No |
| 12 | 5320 | 16 | 6.2 | 421 | Yes |
| 13 | 5320 | 18 | 9 | 277 | Yes |
| 14 | 5320 | 18 | 8.8 | 461 | Yes |
| 15 | 5320 | 16 | 6.8 | 313 | Yes |
| 16 | 5320 | 16 | 6.8 | 452 | Yes |
| 17 | 5320 | 18 | 9.9 | 379 | Yes |
| 18 | 5320 | 16 | 6.1 | 360 | Yes |
| 19 | 5320 | 18 | 9 | 471 | No |
| 20 | 5320 | 16 | 6.1 | 251 | No |
| 21 | 5320 | 18 | 9.1 | 485 | No |
| 22 | 5320 | 16 | 6 | 273 | Yes |
| 23 | 5320 | 18 | 10 | 280 | Yes |
| 24 | 5320 | 17 | 7.8 | 316 | Yes |
| 25 | 5320 | 16 | 6.6 | 217 | Yes |
| 26 | 5320 | 18 | 9.1 | 478 | Yes |
| 27 | 5320 | 16 | 7 | 247 | No |
| 28 | 5320 | 16 | 6.5 | 368 | No |
| 29 | 5320 | 16 | 6.5 | 433 | Yes |
| 30 | 5320 | 18 | 9.6 | 291 | Yes |

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Radar Type4 for 5320MHz

Data Sheet for FCC Radar Type 4

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (12-16) | Pulse Width (11-20) | PRI (200-500) | Successful Detection |
|-------|-----------------------|------------------------------------------|------------------------|------------------|-------------------------|
| | | (12-16) | (μs) | (μs) | (Yes/No) |
| 1 | 5320 | 12 | 12.6 | 374 | Yes |
| 2 | 5320 | 16 | 18.6 | 224 | Yes |
| 3 | 5320 | 14 | 15.9 | 340 | Yes |
| 4 | 5320 | 12 | 12.2 | 377 | Yes |
| 5 | 5320 | 16 | 19.5 | 387 | Yes |
| 6 | 5320 | 12 | 12.6 | 496 | Yes |
| 7 | 5320 | 15 | 17.5 | 456 | Yes |
| 8 | 5320 | 16 | 19.7 | 432 | Yes |
| 9 | 5320 | 15 | 17.5 | 265 | Yes |
| 10 | 5320 | 15 | 17.9 | 285 | Yes |
| 11 | 5320 | 16 | 19.7 | 310 | Yes |
| 12 | 5320 | 12 | 11.5 | 421 | Yes |
| 13 | 5320 | 15 | 17.7 | 277 | No |
| 14 | 5320 | 15 | 17.2 | 461 | Yes |
| 15 | 5320 | 13 | 12.9 | 313 | No |
| 16 | 5320 | 13 | 12.9 | 452 | Yes |
| 17 | 5320 | 16 | 19.7 | 379 | Yes |
| 18 | 5320 | 12 | 11.3 | 360 | Yes |
| 19 | 5320 | 15 | 17.7 | 471 | Yes |
| 20 | 5320 | 12 | 11.4 | 251 | No |
| 21 | 5320 | 15 | 18 | 485 | Yes |
| 22 | 5320 | 12 | 11.1 | 273 | Yes |
| 23 | 5320 | 16 | 20 | 280 | Yes |
| 24 | 5320 | 14 | 15.1 | 316 | No |
| 25 | 5320 | 12 | 12.3 | 217 | Yes |
| 26 | 5320 | 15 | 18 | 478 | Yes |
| 27 | 5320 | 13 | 13.3 | 247 | Yes |
| 28 | 5320 | 12 | 12.1 | 368 | Yes |
| 29 | 5320 | 12 | 12.1 | 433 | Yes |
| 30 | 5320 | 16 | 19.1 | 291 | Yes |

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| Radar Type5_Trial1 for 5320MHz | | | | | | | | |
|--------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|--|
| Data Sheet fo | r FCC Radar | Type 5 | | | | | | |
| Trial Number | : | 1 | | VSG F | reqency(MHz): | 5320 | | |
| Number of Bu | ırsts in Trial: | | 10 | Succes | sful Detection: | Yes | | |
| Burst (8-20) | Number Pulses per Burst (1-3) | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | |
| | (1.5) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | | |
| 1 | 1 | 59.1 | 7 | | | 509440 | | |
| 2 | 3 | 91.9 | 7 | 1660.1 | 1168.1 | 798252 | | |
| 3 | 2 | 77.2 | 7 | 1115.8 | | 1089803 | | |
| 4 | 1 | 57.1 | 7 | | | 182954 | | |
| 5 | 3 | 96.9 | 7 | 1047.1 | 1158.1 | 472541 | | |
| 6 | 1 | 58.8 | 7 | | | 764207 | | |
| 7 | 3 | 86.3 | 7 | 1509.7 | 1072.7 | 1052613 | | |
| 8 | 3 | 98.4 | 7 | 1752.6 | 1364.6 | 146682 | | |
| 9 | 3 | 86 | 7 | 1175 | 1438 | 436627 | | |
| 10 | 3 | 88.5 | 7 | 1036.5 | 1476.5 | 726571 | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 1 | | · — | | | | | | |

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Radar Type5 Trial2 for 5320MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 2 | | VSG F | reqency(MHz): | 5320 |
| Number of Bu | rsts in Trial: | 18 | | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 98.3 | 18 | 1603.7 | 1771.7 | 562697 |
| 2 | 1 | 53.1 | 18 | | | 61762 |
| 3 | 3 | 87.2 | 18 | 1444.8 | 1905.8 | 221984 |
| 4 | 3 | 84.2 | 18 | 1482.8 | 1252.8 | 382580 |
| 5 | 1 | 60.5 | 18 | | | 545824 |
| 6 | 1 | 60.7 | 18 | | | 41916 |
| 7 | 3 | 98 | 18 | 943 | 1185 | 202497 |
| 8 | 1 | 52 | 18 | | | 364683 |
| 9 | 3 | 87.3 | 18 | 1352.7 | 1610.7 | 523650 |
| 10 | 1 | 52.2 | 18 | | | 22040 |
| 11 | 3 | 88.9 | 18 | 1473.1 | 934.1 | 182605 |
| 12 | 1 | 50.6 | 18 | | | 344727 |
| 13 | 3 | 99.6 | 18 | 1275.4 | 1077.4 | 503787 |
| 14 | 2 | 73 | 18 | 1089 | | 2155 |
| 15 | 1 | 57.5 | 18 | | | 163531 |
| 16 | 3 | 88.5 | 18 | 1714.5 | 1147.5 | 323167 |
| 17 | 1 | 62.7 | 18 | | | 486426 |
| 18 | 1 | 56.4 | 18 | | | 647396 |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial3 for 5320MHz

| Data Sheet for | r FCC Radar | | | 101 33201111112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 3 | | VSG F | reqency(MHz): | 5320 |
| Number of Bu | rsts in Trial: | | 15 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 56.3 | 13 | | | 172380 |
| 2 | 3 | 94.8 | 13 | 1739.2 | 1881.2 | 364228 |
| 3 | 1 | 56.7 | 13 | | | 559965 |
| 4 | 3 | 93.6 | 13 | 1082.4 | 1151.4 | 751506 |
| 5 | 3 | 90.9 | 13 | 1667.1 | 1019.1 | 148092 |
| 6 | 2 | 78.3 | 13 | 1354.7 | | 341768 |
| 7 | 2 | 78.1 | 13 | 1349.9 | | 534604 |
| 8 | 2 | 76.2 | 13 | 1531.8 | | 728198 |
| 9 | 2 | 68.9 | 13 | 1863.1 | | 124389 |
| 10 | 3 | 90.9 | 13 | 1118.1 | 1400.1 | 317319 |
| 11 | 3 | 89.6 | 13 | 1040.4 | 1009.4 | 510719 |
| 12 | 3 | 94.8 | 13 | 1885.2 | 1325.2 | 702709 |
| 13 | 3 | 89.6 | 13 | 1108.4 | 1635.4 | 100500 |
| 14 | 2 | 69 | 13 | 1356 | | 293889 |
| 15 | 3 | 91.3 | 13 | 920.7 | 1182.7 | 486456 |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial4 for 5320MHz

| Data Sheet for | Data Sheet for FCC Radar Type 5 | | | | | | | | |
|-----------------|---------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|--|--|
| Trial Number: | | 4 | | VSG F | VSG Freqency(MHz): 5320 | | | | |
| Number of Bu | rsts in Trial: | 9 | | Successful Detection: | | Yes | | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | $(\mu \mathrm{sec})$ | | | |
| 1 | 3 | 91.6 | 7 | 1688.4 | 1474.4 | 1134233 | | | |
| 2 | 3 | 92.5 | 7 | 1172.5 | 1276.5 | 128124 | | | |
| 3 | 3 | 93.7 | 7 | 983.3 | 1370.3 | 450387 | | | |
| 4 | 3 | 95.6 | 7 | 1189.4 | 1655.4 | 772430 | | | |
| 5 | 2 | 77.8 | 7 | 1019.2 | | 1096215 | | | |
| 6 | 2 | 70.1 | 7 | 1414.9 | | 88520 | | | |
| 7 | 2 | 77.9 | 7 | 1691.1 | | 411200 | | | |
| 8 | 2 | 73.7 | 7 | 1137.3 | | 734049 | | | |
| 9 | 1 | 51.6 | 7 | | | 1057570 | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

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Radar Type5 Trial5 for 5320MHz

| Data Sheet for | r FCC Radar | | - | 101 33201111112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 5 | | VSG F | reqency(MHz): | 5320 |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 96.2 | 19 | 1814.8 | 1768.8 | 21793 |
| 2 | 2 | 72.7 | 19 | 1039.3 | | 166807 |
| 3 | 3 | 87.1 | 19 | 1526.9 | 1126.9 | 310910 |
| 4 | 1 | 58.4 | 19 | | | 457052 |
| 5 | 3 | 92.3 | 19 | 960.7 | 1797.7 | 4040 |
| 6 | 1 | 54.2 | 19 | | | 149188 |
| 7 | 3 | 99.6 | 19 | 1035.4 | 1143.4 | 293399 |
| 8 | 1 | 58.3 | 19 | | | 439797 |
| 9 | 3 | 96.2 | 19 | 1452.8 | 1137.8 | 581535 |
| 10 | 2 | 79.8 | 19 | 1427.2 | | 131078 |
| 11 | 3 | 92 | 19 | 1477 | 1384 | 275287 |
| 12 | 3 | 91.3 | 19 | 1517.7 | 1414.7 | 419118 |
| 13 | 2 | 81.7 | 19 | 1885.3 | | 565051 |
| 14 | 1 | 54.7 | 19 | | | 113484 |
| 15 | 1 | 62.2 | 19 | | | 258458 |
| 16 | 1 | 58.8 | 19 | | | 403569 |
| 17 | 1 | 56 | 19 | | | 548708 |
| 18 | 3 | 84.3 | 19 | 1838.7 | 1231.7 | 95056 |
| 19 | 3 | 91.9 | 19 | 1000.1 | 941.1 | 240000 |
| 20 | 1 | 57 | 19 | | | 386115 |

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Radar Type5 Trial6 for 5320MHz

| Data Sheet for FCC Radar Type 5 | | | | | | | | |
|---------------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|--|
| Trial Number: | | 6 | | VSG F | VSG Freqency(MHz): 5320 | | | |
| Number of Bu | rsts in Trial: | | 10 | Succes | sful Detection: | Yes | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | | |
| 1 | 1 | 62.5 | 7 | | | 1063198 | | |
| 2 | 3 | 92.6 | 7 | 1616.4 | 1575.4 | 155098 | | |
| 3 | 1 | 62.7 | 7 | | | 446078 | | |
| 4 | 2 | 69.9 | 7 | 1468.1 | | 735901 | | |
| 5 | 1 | 59.3 | 7 | | | 1027405 | | |
| 6 | 1 | 57.9 | 7 | | | 119760 | | |
| 7 | 2 | 80.5 | 7 | 1573.5 | | 409772 | | |
| 8 | 1 | 63.9 | 7 | | | 700862 | | |
| 9 | 3 | 93 | 7 | 1664 | 1779 | 988395 | | |
| 10 | 3 | 84.9 | 7 | 1906.1 | 1003.1 | 83759 | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | _ | | |

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Radar Type5 Trial7 for 5320MHz

| Data Sheet for | r FCC Radar | | | 101 33201111112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 7 | | VSG F | reqency(MHz): | 5320 |
| Number of Bu | rsts in Trial: | | 17 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 86.3 | 16 | 1888.7 | 1559.7 | 218969 |
| 2 | 2 | 78.4 | 16 | 1835.6 | | 390036 |
| 3 | 2 | 71 | 16 | 1137 | | 561109 |
| 4 | 1 | 55 | 16 | | | 28292 |
| 5 | 3 | 97.4 | 16 | 1601.6 | 1030.6 | 198383 |
| 6 | 2 | 68.2 | 16 | 1357.8 | | 369108 |
| 7 | 3 | 91.3 | 16 | 1512.7 | 1851.7 | 538408 |
| 8 | 2 | 69.6 | 16 | 1287.4 | | 7257 |
| 9 | 3 | 83.9 | 16 | 1010.1 | 1627.1 | 177400 |
| 10 | 1 | 64.7 | 16 | | | 348970 |
| 11 | 3 | 91.4 | 16 | 1054.6 | 1044.6 | 517798 |
| 12 | 2 | 81.2 | 16 | 1139.8 | | 689104 |
| 13 | 3 | 98.7 | 16 | 1543.3 | 1007.3 | 156487 |
| 14 | 1 | 59.7 | 16 | | | 327688 |
| 15 | 2 | 77.1 | 16 | 1345.9 | | 497950 |
| 16 | 1 | 50 | 16 | | | 669779 |
| 17 | 1 | 59.9 | 16 | | | 136017 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial8 for 5320MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 33201111112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 8 | | VSG F | reqency(MHz): | 5320 |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 87.7 | 20 | 1689.3 | 1217.3 | 259202 |
| 2 | 2 | 81.4 | 20 | 1558.6 | | 404443 |
| 3 | 3 | 86.8 | 20 | 1491.2 | 1447.2 | 548020 |
| 4 | 2 | 71.8 | 20 | 1145.2 | | 97423 |
| 5 | 3 | 85.9 | 20 | 1063.1 | 1584.1 | 241799 |
| 6 | 3 | 86.1 | 20 | 1259.9 | 1413.9 | 386462 |
| 7 | 2 | 66.7 | 20 | 1659.3 | | 531851 |
| 8 | 3 | 89.2 | 20 | 1584.8 | 1245.8 | 79445 |
| 9 | 1 | 53.6 | 20 | | | 225014 |
| 10 | 1 | 60 | 20 | | | 370318 |
| 11 | 2 | 67.2 | 20 | 1627.8 | | 514028 |
| 12 | 3 | 99.1 | 20 | 1797.9 | 1577.9 | 61519 |
| 13 | 3 | 84.4 | 20 | 1503.6 | 1023.6 | 206168 |
| 14 | 2 | 73.7 | 20 | 1717.3 | | 351455 |
| 15 | 3 | 85.6 | 20 | 1755.4 | 1371.4 | 494388 |
| 16 | 1 | 65.3 | 20 | | | 44026 |
| 17 | 1 | 61.2 | 20 | | | 189213 |
| 18 | 3 | 93.5 | 20 | 1567.5 | 1619.5 | 332370 |
| 19 | 1 | 63.5 | 20 | | | 479707 |
| 20 | 2 | 70.2 | 20 | 1341.8 | | 26103 |

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Radar Type5 Trial9 for 5320MHz

| Data Sheet fo | r FCC Radar | | peo_maio | 101 33201111112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 9 | | VSG F | reqency(MHz): | 5320 |
| Number of Bu | rsts in Trial: | | 17 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | $(\mu \text{ sec})$ | (<i>μ</i> sec) |
| 1 | 2 | 76.6 | 16 | 1759.4 | | 201002 |
| 2 | 1 | 57.3 | 16 | | | 372296 |
| 3 | 3 | 94.1 | 16 | 1556.9 | 1512.9 | 540876 |
| 4 | 2 | 67.5 | 16 | 1341.5 | | 9743 |
| 5 | 3 | 86.4 | 16 | 1729.6 | 1692.6 | 179570 |
| 6 | 1 | 50.3 | 16 | | | 351613 |
| 7 | 2 | 77.1 | 16 | 1392.9 | | 521115 |
| 8 | 1 | 65.7 | 16 | | | 693452 |
| 9 | 2 | 81.3 | 16 | 931.7 | | 159294 |
| 10 | 3 | 94 | 16 | 1250 | 1591 | 329164 |
| 11 | 1 | 52.9 | 16 | | | 501099 |
| 12 | 3 | 92.8 | 16 | 1814.2 | 1374.2 | 668892 |
| 13 | 1 | 59.3 | 16 | | | 138587 |
| 14 | 3 | 98 | 16 | 918 | 976 | 308563 |
| 15 | 3 | 92.9 | 16 | 1610.1 | 1303.1 | 477783 |
| 16 | 2 | 82.5 | 16 | 1048.5 | | 649558 |
| 17 | 1 | 56.2 | 16 | | | 117533 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial10 for 5320MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 002011112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 10 | | VSG F | reqency(MHz): | 5320 |
| Number of Bu | rsts in Trial: | 17 | | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) | |
| 1 | 1 | 63.1 | 17 | | | 288175 |
| 2 | 1 | 50.4 | 17 | | | 458948 |
| 3 | 3 | 92.3 | 17 | 1526.7 | 1580.7 | 627428 |
| 4 | 1 | 54.3 | 17 | | | 96478 |
| 5 | 1 | 65.9 | 17 | | | 267403 |
| 6 | 3 | 93.8 | 17 | 1113.2 | 1606.2 | 436454 |
| 7 | 1 | 58.1 | 17 | | | 609164 |
| 8 | 2 | 74.1 | 17 | 928.9 | | 75284 |
| 9 | 2 | 70.5 | 17 | 968.5 | | 245971 |
| 10 | 3 | 99.6 | 17 | 1069.4 | 948.4 | 415984 |
| 11 | 3 | 91.1 | 17 | 1799.9 | 928.9 | 585536 |
| 12 | 1 | 55.7 | 17 | | | 54333 |
| 13 | 1 | 65.8 | 17 | | | 225282 |
| 14 | 3 | 87.4 | 17 | 1038.6 | 1314.6 | 394699 |
| 15 | 1 | 66.2 | 17 | | | 567200 |
| 16 | 1 | 63.5 | 17 | | | 33292 |
| 17 | 2 | 79.8 | 17 | 1787.2 | | 203723 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial11 for 5320MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 11 | | VSG F | reqency(MHz): | 5328 |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 83.4 | 20 | 1425.6 | 1742.6 | 316860 |
| 2 | 2 | 80.3 | 20 | 1296.7 | | 462407 |
| 3 | 3 | 87.4 | 20 | 1676.6 | 999.6 | 10359 |
| 4 | 2 | 69.2 | 20 | 1514.8 | | 155168 |
| 5 | 3 | 85.4 | 20 | 1880.6 | 1071.6 | 299305 |
| 6 | 3 | 85.5 | 20 | 1822.5 | 951.5 | 443321 |
| 7 | 1 | 59 | 20 | | | 590629 |
| 8 | 1 | 51 | 20 | | | 137592 |
| 9 | 1 | 57.9 | 20 | | | 282763 |
| 10 | 1 | 59.7 | 20 | | | 428189 |
| 11 | 1 | 57.1 | 20 | | | 572919 |
| 12 | 2 | 74.4 | 20 | 998.6 | | 119660 |
| 13 | 3 | 89.8 | 20 | 1317.2 | 1527.2 | 263511 |
| 14 | 3 | 86.4 | 20 | 1293.6 | 1464.6 | 407997 |
| 15 | 2 | 80.9 | 20 | 1882.1 | | 553129 |
| 16 | 1 | 53.1 | 20 | | | 101934 |
| 17 | 1 | 59.1 | 20 | | | 247263 |
| 18 | 3 | 98.2 | 20 | 1551.8 | 1397.8 | 389873 |
| 19 | 3 | 93.1 | 20 | 1835.9 | 1901.9 | 533892 |
| 20 | 2 | 71.2 | 20 | 1658.8 | | 83872 |

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Radar Type5 Trial12 for 5320MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 12 | | VSG F | VSG Freqency(MHz): 5322 | | |
| Number of Bu | rsts in Trial: | | 8 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | $(\mu \text{ sec})$ | |
| 1 | 1 | 65.9 | 5 | | | 573744 | |
| 2 | 1 | 60.6 | 5 | | | 937428 | |
| 3 | 1 | 63.6 | 5 | | | 1300460 | |
| 4 | 3 | 86 | 5 | 1516 | 1359 | 165310 | |
| 5 | 3 | 93.5 | 5 | 1257.5 | 1118.5 | 528261 | |
| 6 | 1 | 65.8 | 5 | | | 892561 | |
| 7 | 1 | 50.8 | 5 | | | 1256298 | |
| 8 | 3 | 86.1 | 5 | 1375.9 | 1225.9 | 120682 | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
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Radar Type5 Trial13 for 5320MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 3320111112 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 13 | | VSG F | reqency(MHz): | 5326.4 |
| Number of Bu | rsts in Trial: | | 17 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 1 | 59.9 | 16 | | | 227584 |
| 2 | 1 | 65.4 | 16 | | | 398367 |
| 3 | 1 | 56.5 | 16 | | | 569576 |
| 4 | 3 | 86.7 | 16 | 1443.3 | 1637.3 | 35641 |
| 5 | 2 | 79.3 | 16 | 1825.7 | | 206178 |
| 6 | 2 | 79.5 | 16 | 1168.5 | | 377006 |
| 7 | 1 | 64.6 | 16 | | | 548078 |
| 8 | 1 | 62.5 | 16 | | | 14742 |
| 9 | 3 | 95.2 | 16 | 1101.8 | 1646.8 | 184786 |
| 10 | 3 | 87 | 16 | 1883 | 1468 | 354741 |
| 11 | 2 | 77.8 | 16 | 1739.2 | | 525562 |
| 12 | 1 | 65 | 16 | | | 698312 |
| 13 | 2 | 83.3 | 16 | 1716.7 | | 164078 |
| 14 | 1 | 53.3 | 16 | | | 335420 |
| 15 | 1 | 57.9 | 16 | | | 505990 |
| 16 | 3 | 84 | 16 | 1505 | 1682 | 674134 |
| 17 | 1 | 50.9 | 16 | | | 143497 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial14 for 5320MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 3320111112 | - | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 14 | | VSG F | reqency(MHz): | 5326 |
| Number of Bu | Number of Bursts in Trial: | | 16 | | Successful Detection: | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 99.7 | 15 | 1555.3 | 1353.3 | 332503 |
| 2 | 2 | 80.8 | 15 | 1032.2 | | 514538 |
| 3 | 1 | 63.2 | 15 | | | 697203 |
| 4 | 1 | 60.2 | 15 | | | 130200 |
| 5 | 1 | 52.6 | 15 | | | 311598 |
| 6 | 1 | 56.7 | 15 | | | 493351 |
| 7 | 3 | 89.2 | 15 | 1070.8 | 1547.8 | 671750 |
| 8 | 2 | 73.2 | 15 | 1082.8 | | 107602 |
| 9 | 3 | 92.4 | 15 | 1522.6 | 1077.6 | 288052 |
| 10 | 1 | 63.8 | 15 | | | 470601 |
| 11 | 2 | 72.7 | 15 | 1495.3 | | 651121 |
| 12 | 2 | 66.7 | 15 | 1098.3 | | 85311 |
| 13 | 1 | 51.4 | 15 | | | 266788 |
| 14 | 2 | 75.7 | 15 | 948.3 | | 447563 |
| 15 | 2 | 69.5 | 15 | 1450.5 | | 628623 |
| 16 | 3 | 84.7 | 15 | 1230.3 | 1221.3 | 62779 |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial15 for 5320MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 3320101112 | - | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 15 | | VSG F | VSG Freqency(MHz): | |
| Number of Bu | rsts in Trial: | | 10 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 72.9 | 8 | 1194.1 | | 391332 |
| 2 | 3 | 91.1 | 8 | 1090.9 | 967.9 | 680940 |
| 3 | 3 | 92.5 | 8 | 1080.5 | 1669.5 | 970216 |
| 4 | 1 | 53.1 | 8 | | | 65107 |
| 5 | 2 | 70.4 | 8 | 1036.6 | | 355600 |
| 6 | 3 | 95.2 | 8 | 1611.8 | 1515.8 | 644771 |
| 7 | 1 | 60.2 | 8 | | | 936977 |
| 8 | 2 | 71.8 | 8 | 963.2 | | 29299 |
| 9 | 2 | 68.3 | 8 | 1812.7 | | 319584 |
| 10 | 1 | 58 | 8 | | | 610799 |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial16 for 5320MHz

| Data Sheet for | Data Sheet for FCC Radar Type 5 | | | | | | | | |
|-----------------|---------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|--|--|
| Trial Number: | | 16 | | VSG F | VSG Freqency(MHz): | | | | |
| Number of Bu | rsts in Trial: | | 10 | Succes | sful Detection: | Yes | | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | | |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) | | | |
| 1 | 2 | 72.1 | 8 | 1879.9 | | 899637 | | | |
| 2 | 2 | 70.4 | 8 | 1115.6 | | 1191192 | | | |
| 3 | 2 | 78 | 8 | 1841 | | 283633 | | | |
| 4 | 3 | 87.9 | 8 | 1743.1 | 912.1 | 573535 | | | |
| 5 | 1 | 62.6 | 8 | | | 865840 | | | |
| 6 | 1 | 52.7 | 8 | | | 1156140 | | | |
| 7 | 2 | 79.7 | 8 | 1882.3 | | 247878 | | | |
| 8 | 3 | 85 | 8 | 1425 | 1156 | 537782 | | | |
| 9 | 3 | 93.8 | 8 | 1793.2 | 1217.2 | 827726 | | | |
| 10 | 3 | 85.1 | 8 | 1031.9 | 1278.9 | 1118519 | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
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| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

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Radar Type5 Trial17 for 5320MHz

| Data Sheet for FCC Radar Type 5 | | | | | | | | |
|---------------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|--|
| Trial Number: | | 17 | | VSG F | reqency(MHz): | 5328 | | |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | | |
| 1 | 3 | 87.6 | 20 | 1717.4 | 1407.4 | 105547 | | |
| 2 | 2 | 75.8 | 20 | 1425.2 | | 250609 | | |
| 3 | 1 | 57.2 | 20 | | | 396590 | | |
| 4 | 1 | 58.7 | 20 | | | 541462 | | |
| 5 | 2 | 67.4 | 20 | 963.6 | | 88091 | | |
| 6 | 1 | 63.5 | 20 | | | 233418 | | |
| 7 | 3 | 87 | 20 | 1077 | 1649 | 377062 | | |
| 8 | 1 | 65.6 | 20 | | | 523460 | | |
| 9 | 3 | 91.9 | 20 | 1897.1 | 1683.1 | 69979 | | |
| 10 | 3 | 95.8 | 20 | 1828.2 | 1786.2 | 214294 | | |
| 11 | 3 | 93.7 | 20 | 1745.3 | 1039.3 | 359070 | | |
| 12 | 1 | 61.3 | 20 | | | 505518 | | |
| 13 | 1 | 58.2 | 20 | | | 52488 | | |
| 14 | 2 | 80.4 | 20 | 995.6 | | 197237 | | |
| 15 | 1 | 60.3 | 20 | | | 342630 | | |
| 16 | 1 | 62.2 | 20 | | | 488303 | | |
| 17 | 1 | 65.5 | 20 | | | 34613 | | |
| 18 | 2 | 80.9 | 20 | 1435.1 | | 179370 | | |
| 19 | 2 | 80.6 | 20 | 1512.4 | | 323860 | | |
| 20 | 1 | 54.5 | 20 | | | 470010 | | |

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Radar Type5 Trial18 for 5320MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 3320101112 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 18 | | VSG F | VSG Freqency(MHz): | |
| Number of Bu | rsts in Trial: | | 8 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 70.6 | 5 | 1666.4 | | 41914 |
| 2 | 3 | 91.4 | 5 | 1425.6 | 1498.6 | 404450 |
| 3 | 3 | 91.9 | 5 | 1049.1 | 1234.1 | 767322 |
| 4 | 3 | 94.7 | 5 | 1745.3 | 1228.3 | 1130146 |
| 5 | 3 | 84.6 | 5 | 1701.4 | 1803.4 | 1491872 |
| 6 | 2 | 68.7 | 5 | 1702.3 | | 360212 |
| 7 | 3 | 95.2 | 5 | 1537.8 | 914.8 | 722556 |
| 8 | 1 | 54.4 | 5 | | | 1087403 |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
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Radar Type5 Trial19 for 5320MHz

| Data Sheet for | r FCC Radar | | | 101 3320101112 | - | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 19 | | VSG F | reqency(MHz): | 5326.4 |
| Number of Bu | rsts in Trial: | | 17 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 51.2 | 16 | | | 682333 |
| 2 | 2 | 70 | 16 | 1890 | | 148141 |
| 3 | 3 | 87.1 | 16 | 1111.9 | 1816.9 | 317843 |
| 4 | 1 | 66.5 | 16 | | | 490243 |
| 5 | 2 | 81.9 | 16 | 1748.1 | | 659612 |
| 6 | 3 | 84.4 | 16 | 1473.6 | 1702.6 | 126814 |
| 7 | 3 | 97.1 | 16 | 1256.9 | 1115.9 | 297138 |
| 8 | 3 | 97.1 | 16 | 1501.9 | 1126.9 | 467069 |
| 9 | 3 | 83.8 | 16 | 1881.2 | 1217.2 | 637118 |
| 10 | 3 | 83.8 | 16 | 1718.2 | 1867.2 | 105782 |
| 11 | 3 | 85.7 | 16 | 1259.3 | 1747.3 | 276164 |
| 12 | 1 | 56.9 | 16 | | | 447838 |
| 13 | 1 | 58.2 | 16 | | | 618683 |
| 14 | 3 | 94.6 | 16 | 1016.4 | 1595.4 | 85059 |
| 15 | 2 | 80 | 16 | 1395 | | 255699 |
| 16 | 2 | 72.5 | 16 | 1050.5 | | 426145 |
| 17 | 1 | 64.3 | 16 | | | 597573 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial20 for 5320MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | |
|-------------------------------------|----------------|-------------------------|-----------------------|-------------------------|-------------------------|----------------------------------------|
| Trial Number: | | 20 | | VSG F | 5322 | |
| Number of Bu | rsts in Trial: | 8 | | Successful Detection: | | Yes |
| Burst Pulses per (8-20) Burst (1-3) | Pulses per | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interva |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 1 | 60.8 | 5 | | | 136752 |
| 2 | 1 | 62.1 | 5 | | | 500258 |
| 3 | 3 | 97.7 | 5 | 1616.3 | 1761.3 | 861553 |
| 4 | 2 | 77.5 | 5 | 1124.5 | | 1226154 |
| 5 | 1 | 50.4 | 5 | | | 92007 |
| 6 | 3 | 87.2 | 5 | 1301.8 | 1083.8 | 454685 |
| 7 | 3 | 98.8 | 5 | 1446.2 | 1342.2 | 817019 |
| 8 | 1 | 54.3 | 5 | | | 1182180 |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
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Radar Type5 Trial21 for 5320MHz

| Data Sheet for | r FCC Radar | | _ | 101 3320101112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 21 | | VSG F | reqency(MHz): | 5313.2 |
| Number of Bu | rsts in Trial: | | 18 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 89.3 | 17 | 1705.7 | 1183.7 | 20880 |
| 2 | 1 | 64.5 | 17 | | | 182248 |
| 3 | 3 | 96.3 | 17 | 1456.7 | 1686.7 | 341878 |
| 4 | 3 | 84 | 17 | 1675 | 1459 | 502141 |
| 5 | 1 | 62.6 | 17 | | | 1108 |
| 6 | 2 | 74.1 | 17 | 1747.9 | | 161893 |
| 7 | 3 | 98.7 | 17 | 1121.3 | 1005.3 | 322414 |
| 8 | 2 | 68.3 | 17 | 1047.7 | | 484272 |
| 9 | 2 | 82.5 | 17 | 1225.5 | | 644752 |
| 10 | 1 | 64.4 | 17 | | | 142497 |
| 11 | 2 | 71.8 | 17 | 1153.2 | | 303496 |
| 12 | 1 | 58.7 | 17 | | | 464963 |
| 13 | 2 | 77.2 | 17 | 1213.8 | | 624911 |
| 14 | 2 | 79.4 | 17 | 1654.6 | | 122281 |
| 15 | 2 | 73.9 | 17 | 1634.1 | | 283090 |
| 16 | 3 | 83.4 | 17 | 1309.6 | 1851.6 | 443010 |
| 17 | 1 | 63.3 | 17 | | | 606495 |
| 18 | 2 | 78.4 | 17 | 1625.6 | | 102588 |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial22 for 5320MHz

| Data Sheet for | r FCC Radar | | | 101 3320101112 | <u>- </u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|------------------------------------------------|-----------------------------------------|
| Trial Number: | | 22 | | VSG F | VSG Freqency(MHz): | |
| Number of Bu | rsts in Trial: | | 8 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 81.7 | 5 | 988.3 | | 594489 |
| 2 | 3 | 95.2 | 5 | 1595.8 | 1423.8 | 956241 |
| 3 | 2 | 73.6 | 5 | 1291.4 | | 1320943 |
| 4 | 3 | 96.4 | 5 | 941.6 | 953.6 | 186647 |
| 5 | 2 | 76 | 5 | 1696 | | 549619 |
| 6 | 1 | 61.4 | 5 | | | 913859 |
| 7 | 2 | 69.3 | 5 | 1407.7 | | 1275841 |
| 8 | 2 | 80.3 | 5 | 1306.7 | | 141976 |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial23 for 5320MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 3320111112 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 23 | | VSG F | reqency(MHz): | 5312 |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 73.7 | 20 | 1882.3 | | 201131 |
| 2 | 1 | 56.6 | 20 | | | 347220 |
| 3 | 3 | 97.6 | 20 | 948.4 | 1303.4 | 489894 |
| 4 | 2 | 76.9 | 20 | 1374.1 | | 38809 |
| 5 | 1 | 50.8 | 20 | | | 183989 |
| 6 | 2 | 82.8 | 20 | 1672.2 | | 327977 |
| 7 | 3 | 88.3 | 20 | 1857.7 | 1575.7 | 471382 |
| 8 | 1 | 62.1 | 20 | | | 20997 |
| 9 | 3 | 92.7 | 20 | 1454.3 | 1612.3 | 165208 |
| 10 | 2 | 69.9 | 20 | 1313.1 | | 310575 |
| 11 | 1 | 50.8 | 20 | | | 456505 |
| 12 | 1 | 63.1 | 20 | | | 3113 |
| 13 | 2 | 71.2 | 20 | 1190.8 | | 148078 |
| 14 | 1 | 59.6 | 20 | | | 293503 |
| 15 | 3 | 87.1 | 20 | 1665.9 | 1358.9 | 435927 |
| 16 | 3 | 88.7 | 20 | 1434.3 | 1148.3 | 581491 |
| 17 | 2 | 75.7 | 20 | 1130.3 | | 130019 |
| 18 | 2 | 80.2 | 20 | 994.8 | | 275010 |
| 19 | 1 | 58.1 | 20 | | | 421000 |
| 20 | 1 | 63.8 | 20 | | | 565855 |

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Radar Type5 Trial24 for 5320MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 24 | | VSG F | reqency(MHz): | 5315.2 |
| Number of Bu | rsts in Trial: | | 13 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 87.2 | 12 | 1194.8 | 1439.8 | 172678 |
| 2 | 2 | 81.5 | 12 | 1286.5 | | 396265 |
| 3 | 3 | 88.3 | 12 | 1766.7 | 1405.7 | 617882 |
| 4 | 1 | 64.3 | 12 | | | 843729 |
| 5 | 1 | 64.2 | 12 | | | 145686 |
| 6 | 2 | 72 | 12 | 1752 | | 368568 |
| 7 | 1 | 55.5 | 12 | | | 593039 |
| 8 | 1 | 53.6 | 12 | | | 816541 |
| 9 | 2 | 80.8 | 12 | 1034.2 | | 118021 |
| 10 | 3 | 93 | 12 | 1505 | 1651 | 340336 |
| 11 | 3 | 88.5 | 12 | 1543.5 | 1632.5 | 563217 |
| 12 | 3 | 84.8 | 12 | 971.2 | 1099.2 | 787034 |
| 13 | 1 | 64.6 | 12 | | | 90662 |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | _ | | | | | |

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Radar Type5 Trial25 for 5320MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 25 | | VSG F | reqency(MHz): | 5317.2 |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 82.3 | 7 | 1706.7 | | 453486 |
| 2 | 1 | 50.4 | 7 | | | 777166 |
| 3 | 3 | 92.1 | 7 | 1227.9 | 1878.9 | 1097070 |
| 4 | 2 | 70.8 | 7 | 1646.2 | | 91097 |
| 5 | 1 | 55.5 | 7 | | | 414338 |
| 6 | 1 | 63.5 | 7 | | | 737249 |
| 7 | 3 | 89 | 7 | 1592 | 1577 | 1057645 |
| 8 | 2 | 70.5 | 7 | 1857.5 | | 51362 |
| 9 | 1 | 65 | 7 | | | 374501 |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | _ | | | | | |

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Radar Type5 Trial26 for 5320MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 3320101112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 26 | 26 VSG | | reqency(MHz): | 5313.2 |
| Number of Bu | rsts in Trial: | | 18 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 86.8 | 17 | 1496.2 | 917.2 | 347149 |
| 2 | 1 | 53.9 | 17 | | | 509709 |
| 3 | 2 | 82.6 | 17 | 1713.4 | | 5797 |
| 4 | 1 | 50.1 | 17 | | | 167090 |
| 5 | 1 | 57.2 | 17 | | | 328556 |
| 6 | 2 | 72.1 | 17 | 1825.9 | | 488346 |
| 7 | 1 | 58.1 | 17 | | | 651581 |
| 8 | 3 | 85 | 17 | 1678 | 1752 | 146548 |
| 9 | 2 | 70.6 | 17 | 1656.4 | | 307913 |
| 10 | 3 | 95.9 | 17 | 1122.1 | 1174.1 | 468131 |
| 11 | 1 | 53.3 | 17 | | | 631137 |
| 12 | 1 | 55.5 | 17 | | | 127380 |
| 13 | 3 | 93.2 | 17 | 907.8 | 972.8 | 287659 |
| 14 | 3 | 92.3 | 17 | 1372.7 | 1012.7 | 448127 |
| 15 | 2 | 68.3 | 17 | 1588.7 | | 610275 |
| 16 | 2 | 83.2 | 17 | 1396.8 | | 107311 |
| 17 | 1 | 62.7 | 17 | | | 268650 |
| 18 | 2 | 78.9 | 17 | 1055.1 | | 429390 |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial27 for 5320MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 3320111112 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 27 | 27 VSG | | reqency(MHz): | 5316.4 |
| Number of Bu | rsts in Trial: | | 11 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 77.3 | 9 | 1548.7 | | 967708 |
| 2 | 3 | 84.7 | 9 | 933.3 | 1899.3 | 143119 |
| 3 | 2 | 81.4 | 9 | 1065.6 | | 407207 |
| 4 | 3 | 99.7 | 9 | 1612.3 | 1785.3 | 669965 |
| 5 | 2 | 81.4 | 9 | 1703.6 | | 934440 |
| 6 | 1 | 66 | 9 | | | 111014 |
| 7 | 3 | 98.5 | 9 | 1180.5 | 1462.5 | 374388 |
| 8 | 3 | 88.9 | 9 | 1787.1 | 1791.1 | 637416 |
| 9 | 1 | 59.2 | 9 | | | 903598 |
| 10 | 3 | 95 | 9 | 1194 | 1508 | 78243 |
| 11 | 2 | 67.9 | 9 | 1347.1 | | 342248 |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial28 for 5320MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 28 | | VSG F | reqency(MHz): | 5317.2 |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 70.2 | 7 | 1051.8 | | 741321 |
| 2 | 1 | 66.6 | 7 | | | 1065352 |
| 3 | 2 | 69.2 | 7 | 1202.8 | | 56078 |
| 4 | 3 | 93.4 | 7 | 1319.6 | 1848.6 | 378138 |
| 5 | 2 | 72.1 | 7 | 1345.9 | | 701259 |
| 6 | 3 | 94.8 | 7 | 1845.2 | 954.2 | 1022982 |
| 7 | 3 | 84.3 | 7 | 1209.7 | 1367.7 | 16313 |
| 8 | 2 | 81.8 | 7 | 1232.2 | | 339081 |
| 9 | 1 | 64.1 | 7 | | | 662528 |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | _ | | | | | |

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Radar Type5 Trial29 for 5320MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 3320101112 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 29 | 9 VSG F | | reqency(MHz): | 5317.2 |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 64.7 | 7 | | | 985215 |
| 2 | 3 | 83.4 | 7 | 1202.6 | 1248.6 | 1306313 |
| 3 | 3 | 95.5 | 7 | 1388.5 | 956.5 | 299081 |
| 4 | 3 | 95.8 | 7 | 1556.2 | 1547.2 | 620941 |
| 5 | 2 | 72.3 | 7 | 1260.7 | | 944794 |
| 6 | 3 | 92.7 | 7 | 1285.3 | 1478.3 | 1265869 |
| 7 | 2 | 81.4 | 7 | 1318.6 | | 259573 |
| 8 | 1 | 59.1 | 7 | | | 582857 |
| 9 | 3 | 89.2 | 7 | 1446.8 | 1680.8 | 903605 |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial30 for 5320MHz

| Data Sheet for | r FCC Radar | | | 101 3320111112 | - | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 30 | VSG Fre | | reqency(MHz): | 5312.4 |
| Number of Bu | rsts in Trial: | | 19 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 1 | 58.1 | 19 | | | 581502 |
| 2 | 2 | 73.8 | 19 | 1264.2 | | 103807 |
| 3 | 3 | 87.6 | 19 | 1087.4 | 1504.4 | 255951 |
| 4 | 3 | 92.9 | 19 | 1681.1 | 1542.1 | 407340 |
| 5 | 3 | 84.7 | 19 | 1699.3 | 1863.3 | 559611 |
| 6 | 1 | 61.6 | 19 | | | 85254 |
| 7 | 3 | 85.8 | 19 | 981.2 | 1515.2 | 237079 |
| 8 | 3 | 83.7 | 19 | 1366.3 | 1437.3 | 389094 |
| 9 | 3 | 87.1 | 19 | 1754.9 | 1885.9 | 540109 |
| 10 | 2 | 72.6 | 19 | 953.4 | | 66354 |
| 11 | 1 | 66.5 | 19 | | | 219258 |
| 12 | 1 | 51.7 | 19 | | | 372044 |
| 13 | 2 | 68.3 | 19 | 1368.7 | | 523525 |
| 14 | 1 | 62.9 | 19 | | | 47622 |
| 15 | 1 | 63.1 | 19 | | | 200428 |
| 16 | 2 | 67.1 | 19 | 1227.9 | | 352345 |
| 17 | 1 | 50.4 | 19 | | | 506362 |
| 18 | 2 | 79.3 | 19 | 1688.7 | | 28704 |
| 19 | 3 | 84.2 | 19 | 1118.8 | 1119.8 | 180784 |
| 20 | | | | | | |

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Radar Type6 for 5320MHz

Data Sheet for FCC Radar Type 6

| Trial | Pulse Width | PRI | Pulses per Hop | Hopping Rate | Hopping Sequence Length | Successful Detection |
|-------|----------------|---------------------|----------------------|-----------------|-------------------------------|-------------------------|
| | (μ sec) | $(\mu \text{ sec})$ | | (kHz) | (msec) | (Yes/No) |
| 1 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 2 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 3 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 4 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 5 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 6 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 7 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 8 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 9 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 10 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 11 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 12 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 13 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 14 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 15 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 16 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 17 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 18 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 19 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 20 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 21 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 22 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 23 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 24 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 25 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 26 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 27 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 28 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 29 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 30 | 1 | 333 | 9 | 0.333 | 300 | Yes |

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HE20 5500MHz

| Short Pulse Radar Type | Minimum Number of Trials | Detection(%) | | Minmum Percentage of Successful Detection(%) | Pass/Fail |
|---------------------------------|------------------------------------------|----------------------|-----------------------|----------------------------------------------|-----------|
| 1 | 30 | 96 | .67 | 60 | Pass |
| 2 | 30 | 96 | .67 | 60 | Pass |
| 3 | 30 | 83 | .33 | 60 | Pass |
| 4 | 30 | 93 | .33 | 60 | Pass |
| Aggregate (Radar Types 1-4) | 120 | 92 | 2.5 | 80 | Pass |
| Long Pulse Radar Type | Minimum Number of Trials | Each Detection(%) | Total Detection(%) | Minmum Percentage of Successful Detection(%) | Pass/Fail |
| 5 | Center:10 Low Edge:10 High Edge:10 | 100 80 100 | 93.3333333 | 80 | Pass |
| Frequency Hopping Radar Type | Minimum Number of Trials | Detection(%) | | Minmum Percentage of Successful Detection(%) | Pass/Fail |
| 6 | 30 | 1 | 00 | 70 | Pass |

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Radar Type1 for 5500MHz

Data Sheet for FCC Radar Type 1

| Trial | VSG Freqency (MHz) | Pulse Repetition Frequency | Pulse Repetition Frequency | PRI | Test A/B | Successful Detection |
|-------|--------------------------|-------------------------------|-------------------------------|--------|----------|-------------------------|
| | (| Number (1 to 23) | (Pulses Per Second) | (msec) | A/B | (Yes/No) |
| 1 | 5500 | 12 | 1355 | 738 | Α | Yes |
| 2 | 5500 | 13 | 1319.3 | 758 | Α | Yes |
| 3 | 5500 | 1 | 1930.5 | 518 | Α | Yes |
| 4 | 5500 | 3 | 1792.1 | 558 | Α | Yes |
| 5 | 5500 | 4 | 1730.1 | 578 | Α | Yes |
| 6 | 5500 | 23 | 326.2 | 3066 | Α | Yes |
| 7 | 5500 | 14 | 1285.3 | 778 | Α | Yes |
| 8 | 5500 | 10 | 1432.7 | 698 | Α | Yes |
| 9 | 5500 | 17 | 1193.3 | 838 | Α | Yes |
| 10 | 5500 | 16 | 1222.5 | 818 | Α | Yes |
| 11 | 5500 | 21 | 1089.3 | 918 | Α | Yes |
| 12 | 5500 | 20 | 1113.6 | 898 | Α | Yes |
| 13 | 5500 | 18 | 1165.5 | 858 | Α | Yes |
| 14 | 5500 | 11 | 1392.8 | 718 | Α | No |
| 15 | 5500 | 9 | 1474.9 | 678 | Α | Yes |
| 16 | 5500 | - | 374.5 | 2670 | В | Yes |
| 17 | 5500 | - | 1579.8 | 633 | В | Yes |
| 18 | 5500 | - | 800 | 1250 | В | Yes |
| 19 | 5500 | - | 460 | 2174 | В | Yes |
| 20 | 5500 | - | 454.8 | 2199 | В | Yes |
| 21 | 5500 | - | 504 | 1984 | В | Yes |
| 22 | 5500 | - | 1901.1 | 526 | В | Yes |
| 23 | 5500 | - | 463.6 | 2157 | В | Yes |
| 24 | 5500 | - | 594.9 | 1681 | В | Yes |
| 25 | 5500 | - | 1015.2 | 985 | В | Yes |
| 26 | 5500 | - | 570.5 | 1753 | В | Yes |
| 27 | 5500 | - | 978.5 | 1022 | В | Yes |
| 28 | 5500 | - | 1171 | 854 | В | Yes |
| 29 | 5500 | - | 754.7 | 1325 | В | Yes |
| 30 | 5500 | - | 839.6 | 1191 | В | Yes |

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Radar Type2 for 5500MHz

Data Sheet for FCC Radar Type 2

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (23-29) | Pulse Width (1-5) | PRI (150-230) | Successful Detection |
|-------|-----------------------|------------------------------------------|----------------------|------------------|-------------------------|
| | | (23-29) | (μs) | (μs) | (Yes/No) |
| 1 | 5500 | 24 | 1.7 | 181 | Yes |
| 2 | 5500 | 28 | 4.4 | 176 | Yes |
| 3 | 5500 | 26 | 3.2 | 203 | Yes |
| 4 | 5500 | 23 | 1.5 | 156 | Yes |
| 5 | 5500 | 29 | 4.8 | 214 | Yes |
| 6 | 5500 | 24 | 1.7 | 217 | Yes |
| 7 | 5500 | 28 | 3.9 | 201 | Yes |
| 8 | 5500 | 29 | 4.9 | 153 | Yes |
| 9 | 5500 | 28 | 3.9 | 198 | Yes |
| 10 | 5500 | 28 | 4.1 | 182 | Yes |
| 11 | 5500 | 29 | 4.9 | 183 | Yes |
| 12 | 5500 | 23 | 1.2 | 179 | Yes |
| 13 | 5500 | 28 | 4 | 228 | Yes |
| 14 | 5500 | 27 | 3.8 | 185 | No |
| 15 | 5500 | 24 | 1.8 | 160 | Yes |
| 16 | 5500 | 24 | 1.8 | 212 | Yes |
| 17 | 5500 | 29 | 4.9 | 218 | Yes |
| 18 | 5500 | 23 | 1.1 | 186 | Yes |
| 19 | 5500 | 28 | 4 | 173 | Yes |
| 20 | 5500 | 23 | 1.1 | 190 | Yes |
| 21 | 5500 | 28 | 4.1 | 168 | Yes |
| 22 | 5500 | 23 | 1 | 195 | Yes |
| 23 | 5500 | 29 | 5 | 226 | Yes |
| 24 | 5500 | 26 | 2.8 | 169 | Yes |
| 25 | 5500 | 24 | 1.6 | 211 | Yes |
| 26 | 5500 | 28 | 4.1 | 202 | Yes |
| 27 | 5500 | 24 | 2 | 225 | Yes |
| 28 | 5500 | 23 | 1.5 | 208 | Yes |
| 29 | 5500 | 23 | 1.5 | 220 | Yes |
| 30 | 5500 | 29 | 4.6 | 163 | Yes |

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Radar Type3 for 5500MHz

Data Sheet for FCC Radar Type 3

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (16-18) | Pulse Width (6-10) | PRI (200-500) | Successful Detection |
|-------|-----------------------|------------------------------------------|-----------------------|------------------|-------------------------|
| | | () | (μs) | (μs) | (Yes/No) |
| 1 | 5500 | 16 | 6.7 | 374 | Yes |
| 2 | 5500 | 18 | 9.4 | 224 | Yes |
| 3 | 5500 | 17 | 8.2 | 340 | No |
| 4 | 5500 | 16 | 6.5 | 377 | Yes |
| 5 | 5500 | 18 | 9.8 | 387 | Yes |
| 6 | 5500 | 16 | 6.7 | 496 | Yes |
| 7 | 5500 | 18 | 8.9 | 456 | Yes |
| 8 | 5500 | 18 | 9.9 | 432 | Yes |
| 9 | 5500 | 18 | 8.9 | 265 | Yes |
| 10 | 5500 | 18 | 9.1 | 285 | No |
| 11 | 5500 | 18 | 9.9 | 310 | Yes |
| 12 | 5500 | 16 | 6.2 | 421 | Yes |
| 13 | 5500 | 18 | 9 | 277 | Yes |
| 14 | 5500 | 18 | 8.8 | 461 | Yes |
| 15 | 5500 | 16 | 6.8 | 313 | No |
| 16 | 5500 | 16 | 6.8 | 452 | Yes |
| 17 | 5500 | 18 | 9.9 | 379 | Yes |
| 18 | 5500 | 16 | 6.1 | 360 | Yes |
| 19 | 5500 | 18 | 9 | 471 | Yes |
| 20 | 5500 | 16 | 6.1 | 251 | Yes |
| 21 | 5500 | 18 | 9.1 | 485 | No |
| 22 | 5500 | 16 | 6 | 273 | No |
| 23 | 5500 | 18 | 10 | 280 | Yes |
| 24 | 5500 | 17 | 7.8 | 316 | Yes |
| 25 | 5500 | 16 | 6.6 | 217 | Yes |
| 26 | 5500 | 18 | 9.1 | 478 | Yes |
| 27 | 5500 | 16 | 7 | 247 | Yes |
| 28 | 5500 | 16 | 6.5 | 368 | Yes |
| 29 | 5500 | 16 | 6.5 | 433 | Yes |
| 30 | 5500 | 18 | 9.6 | 291 | Yes |

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Radar Type4 for 5500MHz

Data Sheet for FCC Radar Type 4

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (12-16) | Pulse Width (11-20) | PRI (200-500) | Successful Detection |
|-------|-----------------------|------------------------------------------|------------------------|------------------|-------------------------|
| | | (12-16) | (μs) | (μs) | (Yes/No) |
| 1 | 5500 | 12 | 12.6 | 374 | Yes |
| 2 | 5500 | 16 | 18.6 | 224 | Yes |
| 3 | 5500 | 14 | 15.9 | 340 | Yes |
| 4 | 5500 | 12 | 12.2 | 377 | Yes |
| 5 | 5500 | 16 | 19.5 | 387 | Yes |
| 6 | 5500 | 12 | 12.6 | 496 | Yes |
| 7 | 5500 | 15 | 17.5 | 456 | Yes |
| 8 | 5500 | 16 | 19.7 | 432 | Yes |
| 9 | 5500 | 15 | 17.5 | 265 | Yes |
| 10 | 5500 | 15 | 17.9 | 285 | Yes |
| 11 | 5500 | 16 | 19.7 | 310 | Yes |
| 12 | 5500 | 12 | 11.5 | 421 | Yes |
| 13 | 5500 | 15 | 17.7 | 277 | Yes |
| 14 | 5500 | 15 | 17.2 | 461 | Yes |
| 15 | 5500 | 13 | 12.9 | 313 | Yes |
| 16 | 5500 | 13 | 12.9 | 452 | Yes |
| 17 | 5500 | 16 | 19.7 | 379 | Yes |
| 18 | 5500 | 12 | 11.3 | 360 | No |
| 19 | 5500 | 15 | 17.7 | 471 | Yes |
| 20 | 5500 | 12 | 11.4 | 251 | Yes |
| 21 | 5500 | 15 | 18 | 485 | Yes |
| 22 | 5500 | 12 | 11.1 | 273 | Yes |
| 23 | 5500 | 16 | 20 | 280 | Yes |
| 24 | 5500 | 14 | 15.1 | 316 | Yes |
| 25 | 5500 | 12 | 12.3 | 217 | No |
| 26 | 5500 | 15 | 18 | 478 | Yes |
| 27 | 5500 | 13 | 13.3 | 247 | Yes |
| 28 | 5500 | 12 | 12.1 | 368 | Yes |
| 29 | 5500 | 12 | 12.1 | 433 | Yes |
| 30 | 5500 | 16 | 19.1 | 291 | Yes |

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Radar Type5 Trial1 for 5500MHz

| | | Radar Ty | /pe5_Trial1 | for 5500MHz | | |
|-----------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Data Sheet for | r FCC Radar | Type 5 | | | | |
| Trial Number: | | 1 | | VSG F | 5500 | |
| Number of Bu | rsts in Trial: | | 10 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst (1-3) | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-5) | (μ sec) | (MHz) | (μ sec) | (μ sec) | $(\mu \text{ sec})$ |
| 1 | 1 | 59.1 | 7 | | | 509440 |
| 2 | 3 | 91.9 | 7 | 1660.1 | 1168.1 | 798252 |
| 3 | 2 | 77.2 | 7 | 1115.8 | | 1089803 |
| 4 | 1 | 57.1 | 7 | | | 182954 |
| 5 | 3 | 96.9 | 7 | 1047.1 | 1158.1 | 472541 |
| 6 | 1 | 58.8 | 7 | | | 764207 |
| 7 | 3 | 86.3 | 7 | 1509.7 | 1072.7 | 1052613 |
| 8 | 3 | 98.4 | 7 | 1752.6 | 1364.6 | 146682 |
| 9 | 3 | 86 | 7 | 1175 | 1438 | 436627 |
| 10 | 3 | 88.5 | 7 | 1036.5 | 1476.5 | 726571 |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
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| | | | | | | |

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Radar Type5 Trial2 for 5500MHz

| Data Sheet for | r FCC Radar | | | IOI SSUUIVINZ | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 2 | | VSG F | reqency(MHz): | 5500 |
| Number of Bu | rsts in Trial: | 18 | | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 98.3 | 18 | 1603.7 | 1771.7 | 562697 |
| 2 | 1 | 53.1 | 18 | | | 61762 |
| 3 | 3 | 87.2 | 18 | 1444.8 | 1905.8 | 221984 |
| 4 | 3 | 84.2 | 18 | 1482.8 | 1252.8 | 382580 |
| 5 | 1 | 60.5 | 18 | | | 545824 |
| 6 | 1 | 60.7 | 18 | | | 41916 |
| 7 | 3 | 98 | 18 | 943 | 1185 | 202497 |
| 8 | 1 | 52 | 18 | | | 364683 |
| 9 | 3 | 87.3 | 18 | 1352.7 | 1610.7 | 523650 |
| 10 | 1 | 52.2 | 18 | | | 22040 |
| 11 | 3 | 88.9 | 18 | 1473.1 | 934.1 | 182605 |
| 12 | 1 | 50.6 | 18 | | | 344727 |
| 13 | 3 | 99.6 | 18 | 1275.4 | 1077.4 | 503787 |
| 14 | 2 | 73 | 18 | 1089 | | 2155 |
| 15 | 1 | 57.5 | 18 | | | 163531 |
| 16 | 3 | 88.5 | 18 | 1714.5 | 1147.5 | 323167 |
| 17 | 1 | 62.7 | 18 | | | 486426 |
| 18 | 1 | 56.4 | 18 | | | 647396 |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial3 for 5500MHz

| Data Sheet fo | r FCC Radar | | pco_maio | IOI SSUUIVINZ | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 3 | | VSG F | VSG Freqency(MHz): 5500 | | |
| Number of Bu | rsts in Trial: | | 15 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (<i>μ</i> sec) | |
| 1 | 1 | 56.3 | 13 | | | 172380 | |
| 2 | 3 | 94.8 | 13 | 1739.2 | 1881.2 | 364228 | |
| 3 | 1 | 56.7 | 13 | | | 559965 | |
| 4 | 3 | 93.6 | 13 | 1082.4 | 1151.4 | 751506 | |
| 5 | 3 | 90.9 | 13 | 1667.1 | 1019.1 | 148092 | |
| 6 | 2 | 78.3 | 13 | 1354.7 | | 341768 | |
| 7 | 2 | 78.1 | 13 | 1349.9 | | 534604 | |
| 8 | 2 | 76.2 | 13 | 1531.8 | | 728198 | |
| 9 | 2 | 68.9 | 13 | 1863.1 | | 124389 | |
| 10 | 3 | 90.9 | 13 | 1118.1 | 1400.1 | 317319 | |
| 11 | 3 | 89.6 | 13 | 1040.4 | 1009.4 | 510719 | |
| 12 | 3 | 94.8 | 13 | 1885.2 | 1325.2 | 702709 | |
| 13 | 3 | 89.6 | 13 | 1108.4 | 1635.4 | 100500 | |
| 14 | 2 | 69 | 13 | 1356 | | 293889 | |
| 15 | 3 | 91.3 | 13 | 920.7 | 1182.7 | 486456 | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

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Radar Type5 Trial4 for 5500MHz

| Data Sheet for FCC Radar Type 5 | | | | | | | | |
|---------------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|--|
| Trial Number: | | 4 | | VSG Freqency(MHz): 5500 | | | | |
| Number of Bursts in Trial: | | | 9 | Succes | sful Detection: | Yes | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | | |
| 1 | 3 | 91.6 | 7 | 1688.4 | 1474.4 | 1134233 | | |
| 2 | 3 | 92.5 | 7 | 1172.5 | 1276.5 | 128124 | | |
| 3 | 3 | 93.7 | 7 | 983.3 | 1370.3 | 450387 | | |
| 4 | 3 | 95.6 | 7 | 1189.4 | 1655.4 | 772430 | | |
| 5 | 2 | 77.8 | 7 | 1019.2 | | 1096215 | | |
| 6 | 2 | 70.1 | 7 | 1414.9 | | 88520 | | |
| 7 | 2 | 77.9 | 7 | 1691.1 | | 411200 | | |
| 8 | 2 | 73.7 | 7 | 1137.3 | | 734049 | | |
| 9 | 1 | 51.6 | 7 | | | 1057570 | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
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Radar Type5 Trial5 for 5500MHz

| Data Sheet for | r FCC Radar | | peo_maio | 101 33001011 12 | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 5 | | VSG F | VSG Freqency(MHz): | | |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (<i>μ</i> sec) | |
| 1 | 3 | 96.2 | 19 | 1814.8 | 1768.8 | 21793 | |
| 2 | 2 | 72.7 | 19 | 1039.3 | | 166807 | |
| 3 | 3 | 87.1 | 19 | 1526.9 | 1126.9 | 310910 | |
| 4 | 1 | 58.4 | 19 | | | 457052 | |
| 5 | 3 | 92.3 | 19 | 960.7 | 1797.7 | 4040 | |
| 6 | 1 | 54.2 | 19 | | | 149188 | |
| 7 | 3 | 99.6 | 19 | 1035.4 | 1143.4 | 293399 | |
| 8 | 1 | 58.3 | 19 | | | 439797 | |
| 9 | 3 | 96.2 | 19 | 1452.8 | 1137.8 | 581535 | |
| 10 | 2 | 79.8 | 19 | 1427.2 | | 131078 | |
| 11 | 3 | 92 | 19 | 1477 | 1384 | 275287 | |
| 12 | 3 | 91.3 | 19 | 1517.7 | 1414.7 | 419118 | |
| 13 | 2 | 81.7 | 19 | 1885.3 | | 565051 | |
| 14 | 1 | 54.7 | 19 | | | 113484 | |
| 15 | 1 | 62.2 | 19 | | | 258458 | |
| 16 | 1 | 58.8 | 19 | | | 403569 | |
| 17 | 1 | 56 | 19 | | | 548708 | |
| 18 | 3 | 84.3 | 19 | 1838.7 | 1231.7 | 95056 | |
| 19 | 3 | 91.9 | 19 | 1000.1 | 941.1 | 240000 | |
| 20 | 1 | 57 | 19 | | | 386115 | |

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Radar Type5 Trial6 for 5500MHz

| Data Sheet for FCC Radar Type 5 | | | | | | | | |
|---------------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|--|
| Trial Number: | | 6 | | VSG Freqency(MHz): 5500 | | | | |
| Number of Bu | rsts in Trial: | | 10 | Succes | sful Detection: | Yes | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | |
| (5.24) | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) | | |
| 1 | 1 | 62.5 | 7 | | | 1063198 | | |
| 2 | 3 | 92.6 | 7 | 1616.4 | 1575.4 | 155098 | | |
| 3 | 1 | 62.7 | 7 | | | 446078 | | |
| 4 | 2 | 69.9 | 7 | 1468.1 | | 735901 | | |
| 5 | 1 | 59.3 | 7 | | | 1027405 | | |
| 6 | 1 | 57.9 | 7 | | | 119760 | | |
| 7 | 2 | 80.5 | 7 | 1573.5 | | 409772 | | |
| 8 | 1 | 63.9 | 7 | | | 700862 | | |
| 9 | 3 | 93 | 7 | 1664 | 1779 | 988395 | | |
| 10 | 3 | 84.9 | 7 | 1906.1 | 1003.1 | 83759 | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

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Radar Type5 Trial7 for 5500MHz

| Data Sheet fo | r FCC Radar | | <u>pco_man</u> | IOI SSUUIVINZ | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 7 | | VSG F | VSG Freqency(MHz): 5500 | | |
| Number of Bu | rsts in Trial: | | 17 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (<i>μ</i> sec) | |
| 1 | 3 | 86.3 | 16 | 1888.7 | 1559.7 | 218969 | |
| 2 | 2 | 78.4 | 16 | 1835.6 | | 390036 | |
| 3 | 2 | 71 | 16 | 1137 | | 561109 | |
| 4 | 1 | 55 | 16 | | | 28292 | |
| 5 | 3 | 97.4 | 16 | 1601.6 | 1030.6 | 198383 | |
| 6 | 2 | 68.2 | 16 | 1357.8 | | 369108 | |
| 7 | 3 | 91.3 | 16 | 1512.7 | 1851.7 | 538408 | |
| 8 | 2 | 69.6 | 16 | 1287.4 | | 7257 | |
| 9 | 3 | 83.9 | 16 | 1010.1 | 1627.1 | 177400 | |
| 10 | 1 | 64.7 | 16 | | | 348970 | |
| 11 | 3 | 91.4 | 16 | 1054.6 | 1044.6 | 517798 | |
| 12 | 2 | 81.2 | 16 | 1139.8 | | 689104 | |
| 13 | 3 | 98.7 | 16 | 1543.3 | 1007.3 | 156487 | |
| 14 | 1 | 59.7 | 16 | | | 327688 | |
| 15 | 2 | 77.1 | 16 | 1345.9 | | 497950 | |
| 16 | 1 | 50 | 16 | | | 669779 | |
| 17 | 1 | 59.9 | 16 | | | 136017 | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

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Radar Type5 Trial8 for 5500MHz

| Data Sheet for FCC Radar Type 5 | | | | | | | | |
|---------------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|--|
| Trial Number: | | 8 | | VSG Freqency(MHz): 5500 | | | | |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | | |
| 1 | 3 | 87.7 | 20 | 1689.3 | 1217.3 | 259202 | | |
| 2 | 2 | 81.4 | 20 | 1558.6 | | 404443 | | |
| 3 | 3 | 86.8 | 20 | 1491.2 | 1447.2 | 548020 | | |
| 4 | 2 | 71.8 | 20 | 1145.2 | | 97423 | | |
| 5 | 3 | 85.9 | 20 | 1063.1 | 1584.1 | 241799 | | |
| 6 | 3 | 86.1 | 20 | 1259.9 | 1413.9 | 386462 | | |
| 7 | 2 | 66.7 | 20 | 1659.3 | | 531851 | | |
| 8 | 3 | 89.2 | 20 | 1584.8 | 1245.8 | 79445 | | |
| 9 | 1 | 53.6 | 20 | | | 225014 | | |
| 10 | 1 | 60 | 20 | | | 370318 | | |
| 11 | 2 | 67.2 | 20 | 1627.8 | | 514028 | | |
| 12 | 3 | 99.1 | 20 | 1797.9 | 1577.9 | 61519 | | |
| 13 | 3 | 84.4 | 20 | 1503.6 | 1023.6 | 206168 | | |
| 14 | 2 | 73.7 | 20 | 1717.3 | | 351455 | | |
| 15 | 3 | 85.6 | 20 | 1755.4 | 1371.4 | 494388 | | |
| 16 | 1 | 65.3 | 20 | | | 44026 | | |
| 17 | 1 | 61.2 | 20 | | | 189213 | | |
| 18 | 3 | 93.5 | 20 | 1567.5 | 1619.5 | 332370 | | |
| 19 | 1 | 63.5 | 20 | | | 479707 | | |
| 20 | 2 | 70.2 | 20 | 1341.8 | | 26103 | | |

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Radar Type5 Trial9 for 5500MHz

| Data Sheet for | r FCC Radar | | peo_maio | 101 33001011 12 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 9 | | VSG F | reqency(MHz): | 5500 |
| Number of Bu | rsts in Trial: | | 17 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (<i>μ</i> sec) |
| 1 | 2 | 76.6 | 16 | 1759.4 | | 201002 |
| 2 | 1 | 57.3 | 16 | | | 372296 |
| 3 | 3 | 94.1 | 16 | 1556.9 | 1512.9 | 540876 |
| 4 | 2 | 67.5 | 16 | 1341.5 | | 9743 |
| 5 | 3 | 86.4 | 16 | 1729.6 | 1692.6 | 179570 |
| 6 | 1 | 50.3 | 16 | | | 351613 |
| 7 | 2 | 77.1 | 16 | 1392.9 | | 521115 |
| 8 | 1 | 65.7 | 16 | | | 693452 |
| 9 | 2 | 81.3 | 16 | 931.7 | | 159294 |
| 10 | 3 | 94 | 16 | 1250 | 1591 | 329164 |
| 11 | 1 | 52.9 | 16 | | | 501099 |
| 12 | 3 | 92.8 | 16 | 1814.2 | 1374.2 | 668892 |
| 13 | 1 | 59.3 | 16 | | | 138587 |
| 14 | 3 | 98 | 16 | 918 | 976 | 308563 |
| 15 | 3 | 92.9 | 16 | 1610.1 | 1303.1 | 477783 |
| 16 | 2 | 82.5 | 16 | 1048.5 | | 649558 |
| 17 | 1 | 56.2 | 16 | | | 117533 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial10 for 5500MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 33001011 12 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 10 | | VSG F | reqency(MHz): | 5500 |
| Number of Bu | rsts in Trial: | | 17 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 63.1 | 17 | | | 288175 |
| 2 | 1 | 50.4 | 17 | | | 458948 |
| 3 | 3 | 92.3 | 17 | 1526.7 | 1580.7 | 627428 |
| 4 | 1 | 54.3 | 17 | | | 96478 |
| 5 | 1 | 65.9 | 17 | | | 267403 |
| 6 | 3 | 93.8 | 17 | 1113.2 | 1606.2 | 436454 |
| 7 | 1 | 58.1 | 17 | | | 609164 |
| 8 | 2 | 74.1 | 17 | 928.9 | | 75284 |
| 9 | 2 | 70.5 | 17 | 968.5 | | 245971 |
| 10 | 3 | 99.6 | 17 | 1069.4 | 948.4 | 415984 |
| 11 | 3 | 91.1 | 17 | 1799.9 | 928.9 | 585536 |
| 12 | 1 | 55.7 | 17 | | | 54333 |
| 13 | 1 | 65.8 | 17 | | | 225282 |
| 14 | 3 | 87.4 | 17 | 1038.6 | 1314.6 | 394699 |
| 15 | 1 | 66.2 | 17 | | | 567200 |
| 16 | 1 | 63.5 | 17 | | | 33292 |
| 17 | 2 | 79.8 | 17 | 1787.2 | | 203723 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial11 for 5500MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 33001VII 12 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 11 | | VSG F | 5508 | |
| Number of Bu | rsts in Trial: | | 20 | Succes | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 83.4 | 20 | 1425.6 | 1742.6 | 316860 |
| 2 | 2 | 80.3 | 20 | 1296.7 | | 462407 |
| 3 | 3 | 87.4 | 20 | 1676.6 | 999.6 | 10359 |
| 4 | 2 | 69.2 | 20 | 1514.8 | | 155168 |
| 5 | 3 | 85.4 | 20 | 1880.6 | 1071.6 | 299305 |
| 6 | 3 | 85.5 | 20 | 1822.5 | 951.5 | 443321 |
| 7 | 1 | 59 | 20 | | | 590629 |
| 8 | 1 | 51 | 20 | | | 137592 |
| 9 | 1 | 57.9 | 20 | | | 282763 |
| 10 | 1 | 59.7 | 20 | | | 428189 |
| 11 | 1 | 57.1 | 20 | | | 572919 |
| 12 | 2 | 74.4 | 20 | 998.6 | | 119660 |
| 13 | 3 | 89.8 | 20 | 1317.2 | 1527.2 | 263511 |
| 14 | 3 | 86.4 | 20 | 1293.6 | 1464.6 | 407997 |
| 15 | 2 | 80.9 | 20 | 1882.1 | | 553129 |
| 16 | 1 | 53.1 | 20 | | | 101934 |
| 17 | 1 | 59.1 | 20 | | | 247263 |
| 18 | 3 | 98.2 | 20 | 1551.8 | 1397.8 | 389873 |
| 19 | 3 | 93.1 | 20 | 1835.9 | 1901.9 | 533892 |
| 20 | 2 | 71.2 | 20 | 1658.8 | | 83872 |

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Radar Type5 Trial12 for 5500MHz

| Data Sheet for | r FCC Radar | | | 101 3300101112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 12 | | VSG F | reqency(MHz): | 5502 |
| Number of Bu | rsts in Trial: | | 8 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 1 | 65.9 | 5 | | | 573744 |
| 2 | 1 | 60.6 | 5 | | | 937428 |
| 3 | 1 | 63.6 | 5 | | | 1300460 |
| 4 | 3 | 86 | 5 | 1516 | 1359 | 165310 |
| 5 | 3 | 93.5 | 5 | 1257.5 | 1118.5 | 528261 |
| 6 | 1 | 65.8 | 5 | | | 892561 |
| 7 | 1 | 50.8 | 5 | | | 1256298 |
| 8 | 3 | 86.1 | 5 | 1375.9 | 1225.9 | 120682 |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial13 for 5500MHz

| Data Sheet for | r FCC Radar | | | IOI DOUUIVINZ | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 13 | | VSG F | reqency(MHz): | 5506.4 |
| Number of Bu | rsts in Trial: | | 17 | Succes | sful Detection: | No |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 59.9 | 16 | | | 227584 |
| 2 | 1 | 65.4 | 16 | | | 398367 |
| 3 | 1 | 56.5 | 16 | | | 569576 |
| 4 | 3 | 86.7 | 16 | 1443.3 | 1637.3 | 35641 |
| 5 | 2 | 79.3 | 16 | 1825.7 | | 206178 |
| 6 | 2 | 79.5 | 16 | 1168.5 | | 377006 |
| 7 | 1 | 64.6 | 16 | | | 548078 |
| 8 | 1 | 62.5 | 16 | | | 14742 |
| 9 | 3 | 95.2 | 16 | 1101.8 | 1646.8 | 184786 |
| 10 | 3 | 87 | 16 | 1883 | 1468 | 354741 |
| 11 | 2 | 77.8 | 16 | 1739.2 | | 525562 |
| 12 | 1 | 65 | 16 | | | 698312 |
| 13 | 2 | 83.3 | 16 | 1716.7 | | 164078 |
| 14 | 1 | 53.3 | 16 | | | 335420 |
| 15 | 1 | 57.9 | 16 | | | 505990 |
| 16 | 3 | 84 | 16 | 1505 | 1682 | 674134 |
| 17 | 1 | 50.9 | 16 | | | 143497 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial14 for 5500MHz

| Data Sheet for | r FCC Radar | | | 101 33001011 12 | - | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 14 | | VSG F | reqency(MHz): | 5506 |
| Number of Bu | rsts in Trial: | | 16 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 3 | 99.7 | 15 | 1555.3 | 1353.3 | 332503 |
| 2 | 2 | 80.8 | 15 | 1032.2 | | 514538 |
| 3 | 1 | 63.2 | 15 | | | 697203 |
| 4 | 1 | 60.2 | 15 | | | 130200 |
| 5 | 1 | 52.6 | 15 | | | 311598 |
| 6 | 1 | 56.7 | 15 | | | 493351 |
| 7 | 3 | 89.2 | 15 | 1070.8 | 1547.8 | 671750 |
| 8 | 2 | 73.2 | 15 | 1082.8 | | 107602 |
| 9 | 3 | 92.4 | 15 | 1522.6 | 1077.6 | 288052 |
| 10 | 1 | 63.8 | 15 | | | 470601 |
| 11 | 2 | 72.7 | 15 | 1495.3 | | 651121 |
| 12 | 2 | 66.7 | 15 | 1098.3 | | 85311 |
| 13 | 1 | 51.4 | 15 | | | 266788 |
| 14 | 2 | 75.7 | 15 | 948.3 | | 447563 |
| 15 | 2 | 69.5 | 15 | 1450.5 | | 628623 |
| 16 | 3 | 84.7 | 15 | 1230.3 | 1221.3 | 62779 |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial15 for 5500MHz

| Data Sheet for FCC Radar Type 5 | | | | | | | | |
|---------------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|--|
| Trial Number: | | 15 | | VSG F | reqency(MHz): | 5503.2 | | |
| Number of Bu | rsts in Trial: | | 10 | Succes | sful Detection: | Yes | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) | | |
| 1 | 2 | 72.9 | 8 | 1194.1 | | 391332 | | |
| 2 | 3 | 91.1 | 8 | 1090.9 | 967.9 | 680940 | | |
| 3 | 3 | 92.5 | 8 | 1080.5 | 1669.5 | 970216 | | |
| 4 | 1 | 53.1 | 8 | | | 65107 | | |
| 5 | 2 | 70.4 | 8 | 1036.6 | | 355600 | | |
| 6 | 3 | 95.2 | 8 | 1611.8 | 1515.8 | 644771 | | |
| 7 | 1 | 60.2 | 8 | | | 936977 | | |
| 8 | 2 | 71.8 | 8 | 963.2 | | 29299 | | |
| 9 | 2 | 68.3 | 8 | 1812.7 | | 319584 | | |
| 10 | 1 | 58 | 8 | | | 610799 | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

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Radar Type5 Trial16 for 5500MHz

| Data Sheet for | r FCC Radar | | | 101 33001011 12 | - | |
|-----------------|-------------------------------|-------------------------|-----------------------|---------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 16 | | VSG Freqency(MHz): 5503.2 | | |
| Number of Bu | rsts in Trial: | | 10 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 2 | 72.1 | 8 | 1879.9 | | 899637 |
| 2 | 2 | 70.4 | 8 | 1115.6 | | 1191192 |
| 3 | 2 | 78 | 8 | 1841 | | 283633 |
| 4 | 3 | 87.9 | 8 | 1743.1 | 912.1 | 573535 |
| 5 | 1 | 62.6 | 8 | | | 865840 |
| 6 | 1 | 52.7 | 8 | | | 1156140 |
| 7 | 2 | 79.7 | 8 | 1882.3 | | 247878 |
| 8 | 3 | 85 | 8 | 1425 | 1156 | 537782 |
| 9 | 3 | 93.8 | 8 | 1793.2 | 1217.2 | 827726 |
| 10 | 3 | 85.1 | 8 | 1031.9 | 1278.9 | 1118519 |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
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| 20 | | | | | | |

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Radar Type5_Trial17 for 5500MHz

| Data Sheet fo | r FCC Radar | | _ | 101 0000111112 | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 17 | | VSG Freqency(MHz): 5508 | | | |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | |
| 1 | 3 | 87.6 | 20 | 1717.4 | 1407.4 | 105547 | |
| 2 | 2 | 75.8 | 20 | 1425.2 | | 250609 | |
| 3 | 1 | 57.2 | 20 | | | 396590 | |
| 4 | 1 | 58.7 | 20 | | | 541462 | |
| 5 | 2 | 67.4 | 20 | 963.6 | | 88091 | |
| 6 | 1 | 63.5 | 20 | | | 233418 | |
| 7 | 3 | 87 | 20 | 1077 | 1649 | 377062 | |
| 8 | 1 | 65.6 | 20 | | | 523460 | |
| 9 | 3 | 91.9 | 20 | 1897.1 | 1683.1 | 69979 | |
| 10 | 3 | 95.8 | 20 | 1828.2 | 1786.2 | 214294 | |
| 11 | 3 | 93.7 | 20 | 1745.3 | 1039.3 | 359070 | |
| 12 | 1 | 61.3 | 20 | | | 505518 | |
| 13 | 1 | 58.2 | 20 | | | 52488 | |
| 14 | 2 | 80.4 | 20 | 995.6 | | 197237 | |
| 15 | 1 | 60.3 | 20 | | | 342630 | |
| 16 | 1 | 62.2 | 20 | | | 488303 | |
| 17 | 1 | 65.5 | 20 | | | 34613 | |
| 18 | 2 | 80.9 | 20 | 1435.1 | | 179370 | |
| 19 | 2 | 80.6 | 20 | 1512.4 | | 323860 | |
| 20 | 1 | 54.5 | 20 | | | 470010 | |

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Radar Type5_Trial18 for 5500MHz

| Data Sheet for | Data Sheet for FCC Radar Type 5 | | | | | | | | |
|-----------------|---------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|--|--|
| Trial Number: | | 18 | | VSG F | reqency(MHz): | 5502 | | | |
| Number of Bu | rsts in Trial: | 8 | | Successful Detection: | | No | | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | | |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | $(\mu \text{ sec})$ | $(\mu \text{ sec})$ | | | |
| 1 | 2 | 70.6 | 5 | 1666.4 | | 41914 | | | |
| 2 | 3 | 91.4 | 5 | 1425.6 | 1498.6 | 404450 | | | |
| 3 | 3 | 91.9 | 5 | 1049.1 | 1234.1 | 767322 | | | |
| 4 | 3 | 94.7 | 5 | 1745.3 | 1228.3 | 1130146 | | | |
| 5 | 3 | 84.6 | 5 | 1701.4 | 1803.4 | 1491872 | | | |
| 6 | 2 | 68.7 | 5 | 1702.3 | | 360212 | | | |
| 7 | 3 | 95.2 | 5 | 1537.8 | 914.8 | 722556 | | | |
| 8 | 1 | 54.4 | 5 | | | 1087403 | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
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Radar Type5_Trial19 for 5500MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 0000111112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 19 | | VSG F | reqency(MHz): | 5506.4 |
| Number of Bu | rsts in Trial: | 17 | | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (µ sec) |
| 1 | 1 | 51.2 | 16 | | | 682333 |
| 2 | 2 | 70 | 16 | 1890 | | 148141 |
| 3 | 3 | 87.1 | 16 | 1111.9 | 1816.9 | 317843 |
| 4 | 1 | 66.5 | 16 | | | 490243 |
| 5 | 2 | 81.9 | 16 | 1748.1 | | 659612 |
| 6 | 3 | 84.4 | 16 | 1473.6 | 1702.6 | 126814 |
| 7 | 3 | 97.1 | 16 | 1256.9 | 1115.9 | 297138 |
| 8 | 3 | 97.1 | 16 | 1501.9 | 1126.9 | 467069 |
| 9 | 3 | 83.8 | 16 | 1881.2 | 1217.2 | 637118 |
| 10 | 3 | 83.8 | 16 | 1718.2 | 1867.2 | 105782 |
| 11 | 3 | 85.7 | 16 | 1259.3 | 1747.3 | 276164 |
| 12 | 1 | 56.9 | 16 | | | 447838 |
| 13 | 1 | 58.2 | 16 | | | 618683 |
| 14 | 3 | 94.6 | 16 | 1016.4 | 1595.4 | 85059 |
| 15 | 2 | 80 | 16 | 1395 | | 255699 |
| 16 | 2 | 72.5 | 16 | 1050.5 | | 426145 |
| 17 | 1 | 64.3 | 16 | | | 597573 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial20 for 5500MHz

| Data Sheet for | r FCC Radar | | 700_111ai20 | 101 3300101112 | - | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 20 | | VSG F | reqency(MHz): | 5502 |
| Number of Bu | rsts in Trial: | | 8 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| (1) | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 60.8 | 5 | | | 136752 |
| 2 | 1 | 62.1 | 5 | | | 500258 |
| 3 | 3 | 97.7 | 5 | 1616.3 | 1761.3 | 861553 |
| 4 | 2 | 77.5 | 5 | 1124.5 | | 1226154 |
| 5 | 1 | 50.4 | 5 | | | 92007 |
| 6 | 3 | 87.2 | 5 | 1301.8 | 1083.8 | 454685 |
| 7 | 3 | 98.8 | 5 | 1446.2 | 1342.2 | 817019 |
| 8 | 1 | 54.3 | 5 | | | 1182180 |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
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| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial21 for 5500MHz

| Data Sheet for | r FCC Radar | | <u> </u> | IOI DOUDIVITA | | _ |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 21 | | VSG F | reqency(MHz): | 5493.2 |
| Number of Bu | rsts in Trial: | | 18 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 89.3 | 17 | 1705.7 | 1183.7 | 20880 |
| 2 | 1 | 64.5 | 17 | | | 182248 |
| 3 | 3 | 96.3 | 17 | 1456.7 | 1686.7 | 341878 |
| 4 | 3 | 84 | 17 | 1675 | 1459 | 502141 |
| 5 | 1 | 62.6 | 17 | | | 1108 |
| 6 | 2 | 74.1 | 17 | 1747.9 | | 161893 |
| 7 | 3 | 98.7 | 17 | 1121.3 | 1005.3 | 322414 |
| 8 | 2 | 68.3 | 17 | 1047.7 | | 484272 |
| 9 | 2 | 82.5 | 17 | 1225.5 | | 644752 |
| 10 | 1 | 64.4 | 17 | | | 142497 |
| 11 | 2 | 71.8 | 17 | 1153.2 | | 303496 |
| 12 | 1 | 58.7 | 17 | | | 464963 |
| 13 | 2 | 77.2 | 17 | 1213.8 | | 624911 |
| 14 | 2 | 79.4 | 17 | 1654.6 | | 122281 |
| 15 | 2 | 73.9 | 17 | 1634.1 | | 283090 |
| 16 | 3 | 83.4 | 17 | 1309.6 | 1851.6 | 443010 |
| 17 | 1 | 63.3 | 17 | | | 606495 |
| 18 | 2 | 78.4 | 17 | 1625.6 | | 102588 |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial22 for 5500MHz

| Data Sheet for | r FCC Radar | | - | 101 33001011 12 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 22 | 22 | | reqency(MHz): | 5498 |
| Number of Bu | rsts in Trial: | | 8 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 81.7 | 5 | 988.3 | | 594489 |
| 2 | 3 | 95.2 | 5 | 1595.8 | 1423.8 | 956241 |
| 3 | 2 | 73.6 | 5 | 1291.4 | | 1320943 |
| 4 | 3 | 96.4 | 5 | 941.6 | 953.6 | 186647 |
| 5 | 2 | 76 | 5 | 1696 | | 549619 |
| 6 | 1 | 61.4 | 5 | | | 913859 |
| 7 | 2 | 69.3 | 5 | 1407.7 | | 1275841 |
| 8 | 2 | 80.3 | 5 | 1306.7 | | 141976 |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
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Radar Type5_Trial23 for 5500MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 0000111112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 23 | | VSG F | reqency(MHz): | 5492 |
| Number of Bu | rsts in Trial: | | 20 | | Successful Detection: | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 2 | 73.7 | 20 | 1882.3 | | 201131 |
| 2 | 1 | 56.6 | 20 | | | 347220 |
| 3 | 3 | 97.6 | 20 | 948.4 | 1303.4 | 489894 |
| 4 | 2 | 76.9 | 20 | 1374.1 | | 38809 |
| 5 | 1 | 50.8 | 20 | | | 183989 |
| 6 | 2 | 82.8 | 20 | 1672.2 | | 327977 |
| 7 | 3 | 88.3 | 20 | 1857.7 | 1575.7 | 471382 |
| 8 | 1 | 62.1 | 20 | | | 20997 |
| 9 | 3 | 92.7 | 20 | 1454.3 | 1612.3 | 165208 |
| 10 | 2 | 69.9 | 20 | 1313.1 | | 310575 |
| 11 | 1 | 50.8 | 20 | | | 456505 |
| 12 | 1 | 63.1 | 20 | | | 3113 |
| 13 | 2 | 71.2 | 20 | 1190.8 | | 148078 |
| 14 | 1 | 59.6 | 20 | | | 293503 |
| 15 | 3 | 87.1 | 20 | 1665.9 | 1358.9 | 435927 |
| 16 | 3 | 88.7 | 20 | 1434.3 | 1148.3 | 581491 |
| 17 | 2 | 75.7 | 20 | 1130.3 | | 130019 |
| 18 | 2 | 80.2 | 20 | 994.8 | | 275010 |
| 19 | 1 | 58.1 | 20 | | | 421000 |
| 20 | 1 | 63.8 | 20 | | | 565855 |

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Radar Type5_Trial24 for 5500MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 0000111112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 24 | | VSG F | reqency(MHz): | 5495.2 |
| Number of Bu | rsts in Trial: | | 13 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 87.2 | 12 | 1194.8 | 1439.8 | 172678 |
| 2 | 2 | 81.5 | 12 | 1286.5 | | 396265 |
| 3 | 3 | 88.3 | 12 | 1766.7 | 1405.7 | 617882 |
| 4 | 1 | 64.3 | 12 | | | 843729 |
| 5 | 1 | 64.2 | 12 | | | 145686 |
| 6 | 2 | 72 | 12 | 1752 | | 368568 |
| 7 | 1 | 55.5 | 12 | | | 593039 |
| 8 | 1 | 53.6 | 12 | | | 816541 |
| 9 | 2 | 80.8 | 12 | 1034.2 | | 118021 |
| 10 | 3 | 93 | 12 | 1505 | 1651 | 340336 |
| 11 | 3 | 88.5 | 12 | 1543.5 | 1632.5 | 563217 |
| 12 | 3 | 84.8 | 12 | 971.2 | 1099.2 | 787034 |
| 13 | 1 | 64.6 | 12 | | | 90662 |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial25 for 5500MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 0000111112 | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|---------------------------|-----------------------------------------|--|
| Trial Number: | | 25 | | VSG F | VSG Freqency(MHz): 5497.2 | | |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| , , | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) | |
| 1 | 2 | 82.3 | 7 | 1706.7 | | 453486 | |
| 2 | 1 | 50.4 | 7 | | | 777166 | |
| 3 | 3 | 92.1 | 7 | 1227.9 | 1878.9 | 1097070 | |
| 4 | 2 | 70.8 | 7 | 1646.2 | | 91097 | |
| 5 | 1 | 55.5 | 7 | | | 414338 | |
| 6 | 1 | 63.5 | 7 | | | 737249 | |
| 7 | 3 | 89 | 7 | 1592 | 1577 | 1057645 | |
| 8 | 2 | 70.5 | 7 | 1857.5 | | 51362 | |
| 9 | 1 | 65 | 7 | | | 374501 | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | | | | | | | |
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| 20 | | | | | | | |

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Radar Type5 Trial26 for 5500MHz

| Data Sheet fo | r FCC Radar | | pco_maizo | | _ | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 26 | | VSG F | reqency(MHz): | 5493.2 |
| Number of Bu | rsts in Trial: | | 18 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| , , | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 3 | 86.8 | 17 | 1496.2 | 917.2 | 347149 |
| 2 | 1 | 53.9 | 17 | | | 509709 |
| 3 | 2 | 82.6 | 17 | 1713.4 | | 5797 |
| 4 | 1 | 50.1 | 17 | | | 167090 |
| 5 | 1 | 57.2 | 17 | | | 328556 |
| 6 | 2 | 72.1 | 17 | 1825.9 | | 488346 |
| 7 | 1 | 58.1 | 17 | | | 651581 |
| 8 | 3 | 85 | 17 | 1678 | 1752 | 146548 |
| 9 | 2 | 70.6 | 17 | 1656.4 | | 307913 |
| 10 | 3 | 95.9 | 17 | 1122.1 | 1174.1 | 468131 |
| 11 | 1 | 53.3 | 17 | | | 631137 |
| 12 | 1 | 55.5 | 17 | | | 127380 |
| 13 | 3 | 93.2 | 17 | 907.8 | 972.8 | 287659 |
| 14 | 3 | 92.3 | 17 | 1372.7 | 1012.7 | 448127 |
| 15 | 2 | 68.3 | 17 | 1588.7 | | 610275 |
| 16 | 2 | 83.2 | 17 | 1396.8 | | 107311 |
| 17 | 1 | 62.7 | 17 | | | 268650 |
| 18 | 2 | 78.9 | 17 | 1055.1 | | 429390 |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial27 for 5500MHz

| Data Sheet for | Data Sheet for FCC Radar Type 5 | | | | | | |
|----------------|---------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 27 | | VSG F | VSG Freqency(MHz): | | |
| Number of Bu | rsts in Trial: | | 11 | Succes | sful Detection: | Yes | |
| Burst Pulse | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| , , | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) | |
| 1 | 2 | 77.3 | 9 | 1548.7 | | 967708 | |
| 2 | 3 | 84.7 | 9 | 933.3 | 1899.3 | 143119 | |
| 3 | 2 | 81.4 | 9 | 1065.6 | | 407207 | |
| 4 | 3 | 99.7 | 9 | 1612.3 | 1785.3 | 669965 | |
| 5 | 2 | 81.4 | 9 | 1703.6 | | 934440 | |
| 6 | 1 | 66 | 9 | | | 111014 | |
| 7 | 3 | 98.5 | 9 | 1180.5 | 1462.5 | 374388 | |
| 8 | 3 | 88.9 | 9 | 1787.1 | 1791.1 | 637416 | |
| 9 | 1 | 59.2 | 9 | | | 903598 | |
| 10 | 3 | 95 | 9 | 1194 | 1508 | 78243 | |
| 11 | 2 | 67.9 | 9 | 1347.1 | | 342248 | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

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Radar Type5 Trial28 for 5500MHz

| Data Sheet for | r FCC Radar | | | IOI DOUUIVINZ | - | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 28 | | VSG F | reqency(MHz): | 5497.2 |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 70.2 | 7 | 1051.8 | | 741321 |
| 2 | 1 | 66.6 | 7 | | | 1065352 |
| 3 | 2 | 69.2 | 7 | 1202.8 | | 56078 |
| 4 | 3 | 93.4 | 7 | 1319.6 | 1848.6 | 378138 |
| 5 | 2 | 72.1 | 7 | 1345.9 | | 701259 |
| 6 | 3 | 94.8 | 7 | 1845.2 | 954.2 | 1022982 |
| 7 | 3 | 84.3 | 7 | 1209.7 | 1367.7 | 16313 |
| 8 | 2 | 81.8 | 7 | 1232.2 | | 339081 |
| 9 | 1 | 64.1 | 7 | | | 662528 |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial29 for 5500MHz

| Data Sheet for | r FCC Radar | | | IOI DOUUIVINZ | - | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 29 | | VSG F | VSG Freqency(MHz): | |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 64.7 | 7 | | | 985215 |
| 2 | 3 | 83.4 | 7 | 1202.6 | 1248.6 | 1306313 |
| 3 | 3 | 95.5 | 7 | 1388.5 | 956.5 | 299081 |
| 4 | 3 | 95.8 | 7 | 1556.2 | 1547.2 | 620941 |
| 5 | 2 | 72.3 | 7 | 1260.7 | | 944794 |
| 6 | 3 | 92.7 | 7 | 1285.3 | 1478.3 | 1265869 |
| 7 | 2 | 81.4 | 7 | 1318.6 | | 259573 |
| 8 | 1 | 59.1 | 7 | | | 582857 |
| 9 | 3 | 89.2 | 7 | 1446.8 | 1680.8 | 903605 |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial30 for 5500MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 0000111112 | | |
|----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 30 | | VSG F | reqency(MHz): | 5492.4 |
| Number of Bu | rsts in Trial: | | 19 | Succes | sful Detection: | Yes |
| | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 58.1 | 19 | | | 581502 |
| 2 | 2 | 73.8 | 19 | 1264.2 | | 103807 |
| 3 | 3 | 87.6 | 19 | 1087.4 | 1504.4 | 255951 |
| 4 | 3 | 92.9 | 19 | 1681.1 | 1542.1 | 407340 |
| 5 | 3 | 84.7 | 19 | 1699.3 | 1863.3 | 559611 |
| 6 | 1 | 61.6 | 19 | | | 85254 |
| 7 | 3 | 85.8 | 19 | 981.2 | 1515.2 | 237079 |
| 8 | 3 | 83.7 | 19 | 1366.3 | 1437.3 | 389094 |
| 9 | 3 | 87.1 | 19 | 1754.9 | 1885.9 | 540109 |
| 10 | 2 | 72.6 | 19 | 953.4 | | 66354 |
| 11 | 1 | 66.5 | 19 | | | 219258 |
| 12 | 1 | 51.7 | 19 | | | 372044 |
| 13 | 2 | 68.3 | 19 | 1368.7 | | 523525 |
| 14 | 1 | 62.9 | 19 | | | 47622 |
| 15 | 1 | 63.1 | 19 | | | 200428 |
| 16 | 2 | 67.1 | 19 | 1227.9 | | 352345 |
| 17 | 1 | 50.4 | 19 | | | 506362 |
| 18 | 2 | 79.3 | 19 | 1688.7 | | 28704 |
| 19 | 3 | 84.2 | 19 | 1118.8 | 1119.8 | 180784 |
| 20 | | | | | | |

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Radar Type6 for 5500MHz

Data Sheet for FCC Radar Type 6

| Trial | Pulse Width | PRI | Pulses per Hop | Hopping Rate | Hopping Sequence Length | Successful Detection |
|-------|----------------|----------|----------------------|-----------------|-------------------------------|-------------------------|
| | (μ sec) | (μ sec) | | (kHz) | (msec) | (Yes/No) |
| 1 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 2 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 3 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 4 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 5 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 6 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 7 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 8 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 9 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 10 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 11 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 12 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 13 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 14 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 15 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 16 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 17 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 18 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 19 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 20 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 21 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 22 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 23 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 24 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 25 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 26 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 27 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 28 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 29 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 30 | 1 | 333 | 9 | 0.333 | 300 | Yes |

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HE40_5310MHz

| Short Pulse Radar Type | Minimum Number of Trials | Detection(%) | | Minmum Percentage of Successful Detection(%) | Pass/Fail |
|---------------------------------|------------------------------------------|----------------------|-----------------------|----------------------------------------------|-----------|
| 1 | 30 | 96 | .67 | 60 | Pass |
| 2 | 30 | 96 | .67 | 60 | Pass |
| 3 | 30 | 83 | .33 | 60 | Pass |
| 4 | 30 | g | 90 | 60 | Pass |
| Aggregate (Radar Types 1-4) | 120 | 91.0 | 6675 | 80 | Pass |
| Long Pulse Radar Type | Minimum Number of Trials | Each Detection(%) | Total Detection(%) | Minmum Percentage of Successful Detection(%) | Pass/Fail |
| 5 | Center:10 Low Edge:10 High Edge:10 | 100 100 100 | 100 | 80 | Pass |
| Frequency Hopping Radar Type | Minimum Number of Trials | Detec | tion(%) | Minmum Percentage of Successful Detection(%) | Pass/Fail |
| 6 | 30 | 1 | 00 | 70 | Pass |

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Radar Type1 for 5310MHz

Data Sheet for FCC Radar Type 1

| VSG Freqency (MHz) | Pulse Repetition Frequency | Pulse Repetition Frequency | PRI | Test A/B | Successful Detection |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (141112) | Number (1 to 23) | (Pulses Per Second) | (msec) | A/B | (Yes/No) |
| 5310 | 12 | 1355 | 738 | Α | Yes |
| 5310 | 13 | 1319.3 | 758 | Α | Yes |
| 5310 | 1 | 1930.5 | 518 | Α | Yes |
| 5310 | 3 | 1792.1 | 558 | Α | Yes |
| 5310 | 4 | 1730.1 | 578 | Α | Yes |
| 5310 | 23 | 326.2 | 3066 | Α | Yes |
| 5310 | 14 | 1285.3 | 778 | Α | Yes |
| 5310 | 10 | 1432.7 | 698 | Α | Yes |
| 5310 | 17 | 1193.3 | 838 | Α | Yes |
| 5310 | 16 | 1222.5 | 818 | Α | No |
| 5310 | 21 | 1089.3 | 918 | Α | Yes |
| 5310 | 20 | 1113.6 | 898 | Α | Yes |
| 5310 | 18 | 1165.5 | 858 | Α | Yes |
| 5310 | 11 | 1392.8 | 718 | Α | Yes |
| 5310 | 9 | 1474.9 | 678 | Α | Yes |
| 5310 | - | 374.5 | 2670 | В | Yes |
| 5310 | - | 1579.8 | 633 | В | Yes |
| 5310 | - | 800 | 1250 | В | Yes |
| 5310 | - | 460 | 2174 | В | Yes |
| 5310 | - | 454.8 | 2199 | В | Yes |
| 5310 | - | 504 | 1984 | В | Yes |
| 5310 | - | 1901.1 | 526 | В | Yes |
| 5310 | - | 463.6 | 2157 | В | Yes |
| 5310 | - | 594.9 | 1681 | В | Yes |
| 5310 | - | 1015.2 | 985 | В | Yes |
| 5310 | - | 570.5 | 1753 | В | Yes |
| 5310 | - | 978.5 | 1022 | В | Yes |
| 5310 | - | 1171 | 854 | В | Yes |
| 5310 | - | 754.7 | 1325 | В | Yes |
| 5310 | - | 839.6 | 1191 | В | Yes |
| | Frequency (MHz) 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 5310 | Frequency (MHz) Number (1 to 23) 5310 12 5310 13 5310 14 5310 3 5310 4 5310 23 5310 14 5310 10 5310 17 5310 16 5310 21 5310 21 5310 18 5310 11 5310 9 5310 11 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 - 5310 | Frequency (MHz) Frequency Frequency Frequency 5310 12 1355 5310 13 1319.3 5310 1 1930.5 5310 3 1792.1 5310 4 1730.1 5310 23 326.2 5310 14 1285.3 5310 10 1432.7 5310 17 1193.3 5310 16 1222.5 5310 21 1089.3 5310 21 1089.3 5310 20 1113.6 5310 18 1165.5 5310 1 1392.8 5310 9 1474.9 5310 - 374.5 5310 - 1579.8 5310 - 460 5310 - 454.8 5310 - 454.8 5310 - 594.9 5310 - | Frequency (MHz) Frequency Frequency Frequency PRI 5310 12 1355 738 5310 13 1319.3 758 5310 1 1930.5 518 5310 3 1792.1 558 5310 4 1730.1 578 5310 23 326.2 3066 5310 14 1285.3 778 5310 10 1432.7 698 5310 10 1432.7 698 5310 17 1193.3 838 5310 16 1222.5 818 5310 21 1089.3 918 5310 21 1089.3 918 5310 20 1113.6 898 5310 18 1165.5 858 5310 1 1392.8 718 5310 - 374.5 2670 5310 - 374.5 2670 | Frequency (MHz) Frequency (PRI of Second) Frequency (PRI of Second) A/B 5310 12 1355 738 A 5310 13 1319.3 758 A 5310 1 1930.5 518 A 5310 3 1792.1 558 A 5310 4 1730.1 578 A 5310 23 326.2 3066 A 5310 14 1285.3 778 A 5310 10 1432.7 698 A 5310 10 1432.7 698 A 5310 17 1193.3 838 A 5310 16 1222.5 818 A 5310 21 1089.3 918 A 5310 20 1113.6 898 A 5310 18 1165.5 858 A 5310 1 1392.8 718 |

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Radar Type2 for 5310MHz

Data Sheet for FCC Radar Type 2

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (23-29) | Pulse Width (1-5) | PRI (150-230) | Successful Detection |
|-------|-----------------------|------------------------------------------|----------------------|------------------|-------------------------|
| | | (23-29) | (μs) | (μs) | (Yes/No) |
| 1 | 5310 | 24 | 1.7 | 181 | Yes |
| 2 | 5310 | 28 | 4.4 | 176 | Yes |
| 3 | 5310 | 26 | 3.2 | 203 | Yes |
| 4 | 5310 | 23 | 1.5 | 156 | Yes |
| 5 | 5310 | 29 | 4.8 | 214 | Yes |
| 6 | 5310 | 24 | 1.7 | 217 | Yes |
| 7 | 5310 | 28 | 3.9 | 201 | Yes |
| 8 | 5310 | 29 | 4.9 | 153 | Yes |
| 9 | 5310 | 28 | 3.9 | 198 | Yes |
| 10 | 5310 | 28 | 4.1 | 182 | Yes |
| 11 | 5310 | 29 | 4.9 | 183 | Yes |
| 12 | 5310 | 23 | 1.2 | 179 | Yes |
| 13 | 5310 | 28 | 4 | 228 | Yes |
| 14 | 5310 | 27 | 3.8 | 185 | Yes |
| 15 | 5310 | 24 | 1.8 | 160 | Yes |
| 16 | 5310 | 24 | 1.8 | 212 | Yes |
| 17 | 5310 | 29 | 4.9 | 218 | Yes |
| 18 | 5310 | 23 | 1.1 | 186 | Yes |
| 19 | 5310 | 28 | 4 | 173 | Yes |
| 20 | 5310 | 23 | 1.1 | 190 | Yes |
| 21 | 5310 | 28 | 4.1 | 168 | Yes |
| 22 | 5310 | 23 | 1 | 195 | Yes |
| 23 | 5310 | 29 | 5 | 226 | Yes |
| 24 | 5310 | 26 | 2.8 | 169 | Yes |
| 25 | 5310 | 24 | 1.6 | 211 | Yes |
| 26 | 5310 | 28 | 4.1 | 202 | No |
| 27 | 5310 | 24 | 2 | 225 | Yes |
| 28 | 5310 | 23 | 1.5 | 208 | Yes |
| 29 | 5310 | 23 | 1.5 | 220 | Yes |
| 30 | 5310 | 29 | 4.6 | 163 | Yes |

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Radar Type3 for 5310MHz

Data Sheet for FCC Radar Type 3

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (16-18) | Pulse Width (6-10) | PRI (200-500) | Successful Detection |
|-------|-----------------------|------------------------------------------|-----------------------|------------------|-------------------------|
| | | (10-10) | (μs) | (μs) | (Yes/No) |
| 1 | 5310 | 16 | 6.7 | 374 | No |
| 2 | 5310 | 18 | 9.4 | 224 | Yes |
| 3 | 5310 | 17 | 8.2 | 340 | Yes |
| 4 | 5310 | 16 | 6.5 | 377 | Yes |
| 5 | 5310 | 18 | 9.8 | 387 | Yes |
| 6 | 5310 | 16 | 6.7 | 496 | No |
| 7 | 5310 | 18 | 8.9 | 456 | Yes |
| 8 | 5310 | 18 | 9.9 | 432 | Yes |
| 9 | 5310 | 18 | 8.9 | 265 | Yes |
| 10 | 5310 | 18 | 9.1 | 285 | No |
| 11 | 5310 | 18 | 9.9 | 310 | No |
| 12 | 5310 | 16 | 6.2 | 421 | Yes |
| 13 | 5310 | 18 | 9 | 277 | Yes |
| 14 | 5310 | 18 | 8.8 | 461 | Yes |
| 15 | 5310 | 16 | 6.8 | 313 | Yes |
| 16 | 5310 | 16 | 6.8 | 452 | Yes |
| 17 | 5310 | 18 | 9.9 | 379 | Yes |
| 18 | 5310 | 16 | 6.1 | 360 | Yes |
| 19 | 5310 | 18 | 9 | 471 | Yes |
| 20 | 5310 | 16 | 6.1 | 251 | Yes |
| 21 | 5310 | 18 | 9.1 | 485 | Yes |
| 22 | 5310 | 16 | 6 | 273 | Yes |
| 23 | 5310 | 18 | 10 | 280 | No |
| 24 | 5310 | 17 | 7.8 | 316 | Yes |
| 25 | 5310 | 16 | 6.6 | 217 | Yes |
| 26 | 5310 | 18 | 9.1 | 478 | Yes |
| 27 | 5310 | 16 | 7 | 247 | Yes |
| 28 | 5310 | 16 | 6.5 | 368 | Yes |
| 29 | 5310 | 16 | 6.5 | 433 | Yes |
| 30 | 5310 | 18 | 9.6 | 291 | Yes |

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Radar Type4 for 5310MHz

Data Sheet for FCC Radar Type 4

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (12-16) | Pulse Width (11-20) | PRI (200-500) | Successful Detection |
|-------|-----------------------|------------------------------------------|------------------------|------------------|-------------------------|
| | | (12-16) | (μs) | (μs) | (Yes/No) |
| 1 | 5310 | 12 | 12.6 | 374 | Yes |
| 2 | 5310 | 16 | 18.6 | 224 | No |
| 3 | 5310 | 14 | 15.9 | 340 | Yes |
| 4 | 5310 | 12 | 12.2 | 377 | Yes |
| 5 | 5310 | 16 | 19.5 | 387 | Yes |
| 6 | 5310 | 12 | 12.6 | 496 | Yes |
| 7 | 5310 | 15 | 17.5 | 456 | Yes |
| 8 | 5310 | 16 | 19.7 | 432 | Yes |
| 9 | 5310 | 15 | 17.5 | 265 | No |
| 10 | 5310 | 15 | 17.9 | 285 | Yes |
| 11 | 5310 | 16 | 19.7 | 310 | Yes |
| 12 | 5310 | 12 | 11.5 | 421 | Yes |
| 13 | 5310 | 15 | 17.7 | 277 | Yes |
| 14 | 5310 | 15 | 17.2 | 461 | Yes |
| 15 | 5310 | 13 | 12.9 | 313 | Yes |
| 16 | 5310 | 13 | 12.9 | 452 | Yes |
| 17 | 5310 | 16 | 19.7 | 379 | Yes |
| 18 | 5310 | 12 | 11.3 | 360 | Yes |
| 19 | 5310 | 15 | 17.7 | 471 | Yes |
| 20 | 5310 | 12 | 11.4 | 251 | Yes |
| 21 | 5310 | 15 | 18 | 485 | Yes |
| 22 | 5310 | 12 | 11.1 | 273 | Yes |
| 23 | 5310 | 16 | 20 | 280 | Yes |
| 24 | 5310 | 14 | 15.1 | 316 | No |
| 25 | 5310 | 12 | 12.3 | 217 | Yes |
| 26 | 5310 | 15 | 18 | 478 | Yes |
| 27 | 5310 | 13 | 13.3 | 247 | Yes |
| 28 | 5310 | 12 | 12.1 | 368 | Yes |
| 29 | 5310 | 12 | 12.1 | 433 | Yes |
| 30 | 5310 | 16 | 19.1 | 291 | Yes |

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Radar Type5 Trial1 for 5310MHz

| Data Shoot fo | Radar Type5_Trial1 for 5310MHz Data Sheet for FCC Radar Type 5 | | | | | | | |
|-----------------|-----------------------------------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|--|
| | | | | V00 F | ' (BALL-)- | - 040 | | |
| Trial Number: | | 1 | | | reqency(MHz): | | | |
| Number of Bu | rsts in Trial: | | 10 | Succes | sful Detection: | Yes | | |
| Burst (8-20) | Number Pulses per Burst (1-3) | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | |
| | (1.5) | (<i>μ</i> sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | | |
| 1 | 1 | 59.1 | 7 | | | 509440 | | |
| 2 | 3 | 91.9 | 7 | 1660.1 | 1168.1 | 798252 | | |
| 3 | 2 | 77.2 | 7 | 1115.8 | | 1089803 | | |
| 4 | 1 | 57.1 | 7 | | | 182954 | | |
| 5 | 3 | 96.9 | 7 | 1047.1 | 1158.1 | 472541 | | |
| 6 | 1 | 58.8 | 7 | | | 764207 | | |
| 7 | 3 | 86.3 | 7 | 1509.7 | 1072.7 | 1052613 | | |
| 8 | 3 | 98.4 | 7 | 1752.6 | 1364.6 | 146682 | | |
| 9 | 3 | 86 | 7 | 1175 | 1438 | 436627 | | |
| 10 | 3 | 88.5 | 7 | 1036.5 | 1476.5 | 726571 | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

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Radar Type5 Trial2 for 5310MHz

| Data Sheet for | r FCC Radar | | · · · <u>-</u> | IOI 33 IUIVIMZ | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 2 | | VSG F | reqency(MHz): | 5310 |
| Number of Bu | rsts in Trial: | 18 | | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 98.3 | 18 | 1603.7 | 1771.7 | 562697 |
| 2 | 1 | 53.1 | 18 | | | 61762 |
| 3 | 3 | 87.2 | 18 | 1444.8 | 1905.8 | 221984 |
| 4 | 3 | 84.2 | 18 | 1482.8 | 1252.8 | 382580 |
| 5 | 1 | 60.5 | 18 | | | 545824 |
| 6 | 1 | 60.7 | 18 | | | 41916 |
| 7 | 3 | 98 | 18 | 943 | 1185 | 202497 |
| 8 | 1 | 52 | 18 | | | 364683 |
| 9 | 3 | 87.3 | 18 | 1352.7 | 1610.7 | 523650 |
| 10 | 1 | 52.2 | 18 | | | 22040 |
| 11 | 3 | 88.9 | 18 | 1473.1 | 934.1 | 182605 |
| 12 | 1 | 50.6 | 18 | | | 344727 |
| 13 | 3 | 99.6 | 18 | 1275.4 | 1077.4 | 503787 |
| 14 | 2 | 73 | 18 | 1089 | | 2155 |
| 15 | 1 | 57.5 | 18 | | | 163531 |
| 16 | 3 | 88.5 | 18 | 1714.5 | 1147.5 | 323167 |
| 17 | 1 | 62.7 | 18 | | | 486426 |
| 18 | 1 | 56.4 | 18 | | | 647396 |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial3 for 5310MHz

| Data Sheet fo | r FCC Radar | | pco_maio | IOI 33 IUIVIMZ | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 3 | | VSG F | reqency(MHz): | 5310 |
| Number of Bu | rsts in Trial: | | 15 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (<i>μ</i> sec) |
| 1 | 1 | 56.3 | 13 | | | 172380 |
| 2 | 3 | 94.8 | 13 | 1739.2 | 1881.2 | 364228 |
| 3 | 1 | 56.7 | 13 | | | 559965 |
| 4 | 3 | 93.6 | 13 | 1082.4 | 1151.4 | 751506 |
| 5 | 3 | 90.9 | 13 | 1667.1 | 1019.1 | 148092 |
| 6 | 2 | 78.3 | 13 | 1354.7 | | 341768 |
| 7 | 2 | 78.1 | 13 | 1349.9 | | 534604 |
| 8 | 2 | 76.2 | 13 | 1531.8 | | 728198 |
| 9 | 2 | 68.9 | 13 | 1863.1 | | 124389 |
| 10 | 3 | 90.9 | 13 | 1118.1 | 1400.1 | 317319 |
| 11 | 3 | 89.6 | 13 | 1040.4 | 1009.4 | 510719 |
| 12 | 3 | 94.8 | 13 | 1885.2 | 1325.2 | 702709 |
| 13 | 3 | 89.6 | 13 | 1108.4 | 1635.4 | 100500 |
| 14 | 2 | 69 | 13 | 1356 | | 293889 |
| 15 | 3 | 91.3 | 13 | 920.7 | 1182.7 | 486456 |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial4 for 5310MHz

| Data Sheet fo | r FCC Radar | | poo_mai + | IOI 33 IUIVIMZ | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 4 | | VSG F | reqency(MHz): | 5310 |
| Number of Bu | rsts in Trial: | | 9 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 91.6 | 7 | 1688.4 | 1474.4 | 1134233 |
| 2 | 3 | 92.5 | 7 | 1172.5 | 1276.5 | 128124 |
| 3 | 3 | 93.7 | 7 | 983.3 | 1370.3 | 450387 |
| 4 | 3 | 95.6 | 7 | 1189.4 | 1655.4 | 772430 |
| 5 | 2 | 77.8 | 7 | 1019.2 | | 1096215 |
| 6 | 2 | 70.1 | 7 | 1414.9 | | 88520 |
| 7 | 2 | 77.9 | 7 | 1691.1 | | 411200 |
| 8 | 2 | 73.7 | 7 | 1137.3 | | 734049 |
| 9 | 1 | 51.6 | 7 | | | 1057570 |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial5 for 5310MHz

| Data Sheet for | r FCC Radar | | poo_maio | 101 33 101011 12 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 5 | | VSG F | reqency(MHz): | 5310 |
| Number of Bu | rsts in Trial: | 20 | | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (<i>μ</i> sec) |
| 1 | 3 | 96.2 | 19 | 1814.8 | 1768.8 | 21793 |
| 2 | 2 | 72.7 | 19 | 1039.3 | | 166807 |
| 3 | 3 | 87.1 | 19 | 1526.9 | 1126.9 | 310910 |
| 4 | 1 | 58.4 | 19 | | | 457052 |
| 5 | 3 | 92.3 | 19 | 960.7 | 1797.7 | 4040 |
| 6 | 1 | 54.2 | 19 | | | 149188 |
| 7 | 3 | 99.6 | 19 | 1035.4 | 1143.4 | 293399 |
| 8 | 1 | 58.3 | 19 | | | 439797 |
| 9 | 3 | 96.2 | 19 | 1452.8 | 1137.8 | 581535 |
| 10 | 2 | 79.8 | 19 | 1427.2 | | 131078 |
| 11 | 3 | 92 | 19 | 1477 | 1384 | 275287 |
| 12 | 3 | 91.3 | 19 | 1517.7 | 1414.7 | 419118 |
| 13 | 2 | 81.7 | 19 | 1885.3 | | 565051 |
| 14 | 1 | 54.7 | 19 | | | 113484 |
| 15 | 1 | 62.2 | 19 | | | 258458 |
| 16 | 1 | 58.8 | 19 | | | 403569 |
| 17 | 1 | 56 | 19 | | | 548708 |
| 18 | 3 | 84.3 | 19 | 1838.7 | 1231.7 | 95056 |
| 19 | 3 | 91.9 | 19 | 1000.1 | 941.1 | 240000 |
| 20 | 1 | 57 | 19 | | | 386115 |

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Radar Type5 Trial6 for 5310MHz

| Data Sheet for | r FCC Radar | | pec_maic | IOI 33 IUIVIMZ | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 6 | | VSG F | reqency(MHz): | 5310 |
| Number of Bu | rsts in Trial: | | 10 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 1 | 62.5 | 7 | | | 1063198 |
| 2 | 3 | 92.6 | 7 | 1616.4 | 1575.4 | 155098 |
| 3 | 1 | 62.7 | 7 | | | 446078 |
| 4 | 2 | 69.9 | 7 | 1468.1 | | 735901 |
| 5 | 1 | 59.3 | 7 | | | 1027405 |
| 6 | 1 | 57.9 | 7 | | | 119760 |
| 7 | 2 | 80.5 | 7 | 1573.5 | | 409772 |
| 8 | 1 | 63.9 | 7 | | | 700862 |
| 9 | 3 | 93 | 7 | 1664 | 1779 | 988395 |
| 10 | 3 | 84.9 | 7 | 1906.1 | 1003.1 | 83759 |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial7 for 5310MHz

| Data Sheet fo | r FCC Radar | | 700_111a11 | IOI 33 IUIVIMZ | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 7 | | VSG F | reqency(MHz): | 5310 |
| Number of Bu | rsts in Trial: | | 17 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | $(\mu \text{ sec})$ |
| 1 | 3 | 86.3 | 16 | 1888.7 | 1559.7 | 218969 |
| 2 | 2 | 78.4 | 16 | 1835.6 | | 390036 |
| 3 | 2 | 71 | 16 | 1137 | | 561109 |
| 4 | 1 | 55 | 16 | | | 28292 |
| 5 | 3 | 97.4 | 16 | 1601.6 | 1030.6 | 198383 |
| 6 | 2 | 68.2 | 16 | 1357.8 | | 369108 |
| 7 | 3 | 91.3 | 16 | 1512.7 | 1851.7 | 538408 |
| 8 | 2 | 69.6 | 16 | 1287.4 | | 7257 |
| 9 | 3 | 83.9 | 16 | 1010.1 | 1627.1 | 177400 |
| 10 | 1 | 64.7 | 16 | | | 348970 |
| 11 | 3 | 91.4 | 16 | 1054.6 | 1044.6 | 517798 |
| 12 | 2 | 81.2 | 16 | 1139.8 | | 689104 |
| 13 | 3 | 98.7 | 16 | 1543.3 | 1007.3 | 156487 |
| 14 | 1 | 59.7 | 16 | | | 327688 |
| 15 | 2 | 77.1 | 16 | 1345.9 | | 497950 |
| 16 | 1 | 50 | 16 | | | 669779 |
| 17 | 1 | 59.9 | 16 | | | 136017 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial8 for 5310MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 33 101011 12 | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 8 | | VSG F | VSG Freqency(MHz): 5310 | | |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | |
| 1 | 3 | 87.7 | 20 | 1689.3 | 1217.3 | 259202 | |
| 2 | 2 | 81.4 | 20 | 1558.6 | | 404443 | |
| 3 | 3 | 86.8 | 20 | 1491.2 | 1447.2 | 548020 | |
| 4 | 2 | 71.8 | 20 | 1145.2 | | 97423 | |
| 5 | 3 | 85.9 | 20 | 1063.1 | 1584.1 | 241799 | |
| 6 | 3 | 86.1 | 20 | 1259.9 | 1413.9 | 386462 | |
| 7 | 2 | 66.7 | 20 | 1659.3 | | 531851 | |
| 8 | 3 | 89.2 | 20 | 1584.8 | 1245.8 | 79445 | |
| 9 | 1 | 53.6 | 20 | | | 225014 | |
| 10 | 1 | 60 | 20 | | | 370318 | |
| 11 | 2 | 67.2 | 20 | 1627.8 | | 514028 | |
| 12 | 3 | 99.1 | 20 | 1797.9 | 1577.9 | 61519 | |
| 13 | 3 | 84.4 | 20 | 1503.6 | 1023.6 | 206168 | |
| 14 | 2 | 73.7 | 20 | 1717.3 | | 351455 | |
| 15 | 3 | 85.6 | 20 | 1755.4 | 1371.4 | 494388 | |
| 16 | 1 | 65.3 | 20 | | | 44026 | |
| 17 | 1 | 61.2 | 20 | | | 189213 | |
| 18 | 3 | 93.5 | 20 | 1567.5 | 1619.5 | 332370 | |
| 19 | 1 | 63.5 | 20 | | | 479707 | |
| 20 | 2 | 70.2 | 20 | 1341.8 | | 26103 | |

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Radar Type5 Trial9 for 5310MHz

| Data Sheet for | r FCC Radar | | peo_maio | IOI 33 IUIVIMZ | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 9 | | VSG F | reqency(MHz): | 5310 |
| Number of Bu | rsts in Trial: | | 17 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | $(\mu \text{ sec})$ |
| 1 | 2 | 76.6 | 16 | 1759.4 | | 201002 |
| 2 | 1 | 57.3 | 16 | | | 372296 |
| 3 | 3 | 94.1 | 16 | 1556.9 | 1512.9 | 540876 |
| 4 | 2 | 67.5 | 16 | 1341.5 | | 9743 |
| 5 | 3 | 86.4 | 16 | 1729.6 | 1692.6 | 179570 |
| 6 | 1 | 50.3 | 16 | | | 351613 |
| 7 | 2 | 77.1 | 16 | 1392.9 | | 521115 |
| 8 | 1 | 65.7 | 16 | | | 693452 |
| 9 | 2 | 81.3 | 16 | 931.7 | | 159294 |
| 10 | 3 | 94 | 16 | 1250 | 1591 | 329164 |
| 11 | 1 | 52.9 | 16 | | | 501099 |
| 12 | 3 | 92.8 | 16 | 1814.2 | 1374.2 | 668892 |
| 13 | 1 | 59.3 | 16 | | | 138587 |
| 14 | 3 | 98 | 16 | 918 | 976 | 308563 |
| 15 | 3 | 92.9 | 16 | 1610.1 | 1303.1 | 477783 |
| 16 | 2 | 82.5 | 16 | 1048.5 | | 649558 |
| 17 | 1 | 56.2 | 16 | | | 117533 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial10 for 5310MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 33 101011 12 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 10 | | VSG F | reqency(MHz): | 5310 |
| Number of Bu | rsts in Trial: | | 17 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 63.1 | 17 | | | 288175 |
| 2 | 1 | 50.4 | 17 | | | 458948 |
| 3 | 3 | 92.3 | 17 | 1526.7 | 1580.7 | 627428 |
| 4 | 1 | 54.3 | 17 | | | 96478 |
| 5 | 1 | 65.9 | 17 | | | 267403 |
| 6 | 3 | 93.8 | 17 | 1113.2 | 1606.2 | 436454 |
| 7 | 1 | 58.1 | 17 | | | 609164 |
| 8 | 2 | 74.1 | 17 | 928.9 | | 75284 |
| 9 | 2 | 70.5 | 17 | 968.5 | | 245971 |
| 10 | 3 | 99.6 | 17 | 1069.4 | 948.4 | 415984 |
| 11 | 3 | 91.1 | 17 | 1799.9 | 928.9 | 585536 |
| 12 | 1 | 55.7 | 17 | | | 54333 |
| 13 | 1 | 65.8 | 17 | | | 225282 |
| 14 | 3 | 87.4 | 17 | 1038.6 | 1314.6 | 394699 |
| 15 | 1 | 66.2 | 17 | | | 567200 |
| 16 | 1 | 63.5 | 17 | | | 33292 |
| 17 | 2 | 79.8 | 17 | 1787.2 | | 203723 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial11 for 5310MHz

| Data Sheet fo | r FCC Radar | | | 101 00 10111112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 11 | | VSG F | reqency(MHz): | 5318 |
| Number of Bu | rsts in Trial: | 20 | | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 3 | 83.4 | 20 | 1425.6 | 1742.6 | 316860 |
| 2 | 2 | 80.3 | 20 | 1296.7 | | 462407 |
| 3 | 3 | 87.4 | 20 | 1676.6 | 999.6 | 10359 |
| 4 | 2 | 69.2 | 20 | 1514.8 | | 155168 |
| 5 | 3 | 85.4 | 20 | 1880.6 | 1071.6 | 299305 |
| 6 | 3 | 85.5 | 20 | 1822.5 | 951.5 | 443321 |
| 7 | 1 | 59 | 20 | | | 590629 |
| 8 | 1 | 51 | 20 | | | 137592 |
| 9 | 1 | 57.9 | 20 | | | 282763 |
| 10 | 1 | 59.7 | 20 | | | 428189 |
| 11 | 1 | 57.1 | 20 | | | 572919 |
| 12 | 2 | 74.4 | 20 | 998.6 | | 119660 |
| 13 | 3 | 89.8 | 20 | 1317.2 | 1527.2 | 263511 |
| 14 | 3 | 86.4 | 20 | 1293.6 | 1464.6 | 407997 |
| 15 | 2 | 80.9 | 20 | 1882.1 | | 553129 |
| 16 | 1 | 53.1 | 20 | | | 101934 |
| 17 | 1 | 59.1 | 20 | | | 247263 |
| 18 | 3 | 98.2 | 20 | 1551.8 | 1397.8 | 389873 |
| 19 | 3 | 93.1 | 20 | 1835.9 | 1901.9 | 533892 |
| 20 | 2 | 71.2 | 20 | 1658.8 | | 83872 |

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Radar Type5 Trial12 for 5310MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 33 101011 12 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 12 | | VSG F | reqency(MHz): | 5312 |
| Number of Bu | rsts in Trial: | | 8 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (<i>μ</i> sec) |
| 1 | 1 | 65.9 | 5 | | | 573744 |
| 2 | 1 | 60.6 | 5 | | | 937428 |
| 3 | 1 | 63.6 | 5 | | | 1300460 |
| 4 | 3 | 86 | 5 | 1516 | 1359 | 165310 |
| 5 | 3 | 93.5 | 5 | 1257.5 | 1118.5 | 528261 |
| 6 | 1 | 65.8 | 5 | | | 892561 |
| 7 | 1 | 50.8 | 5 | | | 1256298 |
| 8 | 3 | 86.1 | 5 | 1375.9 | 1225.9 | 120682 |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
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Radar Type5 Trial13 for 5310MHz

| Data Sheet for | r FCC Radar | | | 101 33 10101112 | <u>- </u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|------------------------------------------------|-----------------------------------------|
| Trial Number: | | 13 | | VSG F | reqency(MHz): | 5316.4 |
| Number of Bu | rsts in Trial: | | 17 | Succes | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 59.9 | 16 | | | 227584 |
| 2 | 1 | 65.4 | 16 | | | 398367 |
| 3 | 1 | 56.5 | 16 | | | 569576 |
| 4 | 3 | 86.7 | 16 | 1443.3 | 1637.3 | 35641 |
| 5 | 2 | 79.3 | 16 | 1825.7 | | 206178 |
| 6 | 2 | 79.5 | 16 | 1168.5 | | 377006 |
| 7 | 1 | 64.6 | 16 | | | 548078 |
| 8 | 1 | 62.5 | 16 | | | 14742 |
| 9 | 3 | 95.2 | 16 | 1101.8 | 1646.8 | 184786 |
| 10 | 3 | 87 | 16 | 1883 | 1468 | 354741 |
| 11 | 2 | 77.8 | 16 | 1739.2 | | 525562 |
| 12 | 1 | 65 | 16 | | | 698312 |
| 13 | 2 | 83.3 | 16 | 1716.7 | | 164078 |
| 14 | 1 | 53.3 | 16 | | | 335420 |
| 15 | 1 | 57.9 | 16 | | | 505990 |
| 16 | 3 | 84 | 16 | 1505 | 1682 | 674134 |
| 17 | 1 | 50.9 | 16 | | | 143497 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial14 for 5310MHz

| Data Sheet for | r FCC Radar | | | 101 33 101011 12 | - | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 14 | | VSG F | reqency(MHz): | 5316 |
| Number of Bu | rsts in Trial: | | 16 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 3 | 99.7 | 15 | 1555.3 | 1353.3 | 332503 |
| 2 | 2 | 80.8 | 15 | 1032.2 | | 514538 |
| 3 | 1 | 63.2 | 15 | | | 697203 |
| 4 | 1 | 60.2 | 15 | | | 130200 |
| 5 | 1 | 52.6 | 15 | | | 311598 |
| 6 | 1 | 56.7 | 15 | | | 493351 |
| 7 | 3 | 89.2 | 15 | 1070.8 | 1547.8 | 671750 |
| 8 | 2 | 73.2 | 15 | 1082.8 | | 107602 |
| 9 | 3 | 92.4 | 15 | 1522.6 | 1077.6 | 288052 |
| 10 | 1 | 63.8 | 15 | | | 470601 |
| 11 | 2 | 72.7 | 15 | 1495.3 | | 651121 |
| 12 | 2 | 66.7 | 15 | 1098.3 | | 85311 |
| 13 | 1 | 51.4 | 15 | | | 266788 |
| 14 | 2 | 75.7 | 15 | 948.3 | | 447563 |
| 15 | 2 | 69.5 | 15 | 1450.5 | | 628623 |
| 16 | 3 | 84.7 | 15 | 1230.3 | 1221.3 | 62779 |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial15 for 5310MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 33 101011 12 | <u>-</u> | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|---------------------------|-----------------------------------------|--|
| Trial Number: | | 15 | | VSG F | VSG Freqency(MHz): 5313.2 | | |
| Number of Bu | rsts in Trial: | | 10 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | $(\mu \mathrm{sec})$ | |
| 1 | 2 | 72.9 | 8 | 1194.1 | | 391332 | |
| 2 | 3 | 91.1 | 8 | 1090.9 | 967.9 | 680940 | |
| 3 | 3 | 92.5 | 8 | 1080.5 | 1669.5 | 970216 | |
| 4 | 1 | 53.1 | 8 | | | 65107 | |
| 5 | 2 | 70.4 | 8 | 1036.6 | | 355600 | |
| 6 | 3 | 95.2 | 8 | 1611.8 | 1515.8 | 644771 | |
| 7 | 1 | 60.2 | 8 | | | 936977 | |
| 8 | 2 | 71.8 | 8 | 963.2 | | 29299 | |
| 9 | 2 | 68.3 | 8 | 1812.7 | | 319584 | |
| 10 | 1 | 58 | 8 | | | 610799 | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
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Radar Type5_Trial16 for 5310MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 00 10111112 | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|--------------------------|-----------------------------------------|--|
| Trial Number: | | 16 | | VSG F | VSG Freqency(MHz): 5313. | | |
| Number of Bu | rsts in Trial: | | 10 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) | |
| 1 | 2 | 72.1 | 8 | 1879.9 | | 899637 | |
| 2 | 2 | 70.4 | 8 | 1115.6 | | 1191192 | |
| 3 | 2 | 78 | 8 | 1841 | | 283633 | |
| 4 | 3 | 87.9 | 8 | 1743.1 | 912.1 | 573535 | |
| 5 | 1 | 62.6 | 8 | | | 865840 | |
| 6 | 1 | 52.7 | 8 | | | 1156140 | |
| 7 | 2 | 79.7 | 8 | 1882.3 | | 247878 | |
| 8 | 3 | 85 | 8 | 1425 | 1156 | 537782 | |
| 9 | 3 | 93.8 | 8 | 1793.2 | 1217.2 | 827726 | |
| 10 | 3 | 85.1 | 8 | 1031.9 | 1278.9 | 1118519 | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
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| 19 | | | | | | | |
| 20 | | | | | | | |

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Radar Type5 Trial17 for 5310MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 33 10101112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 17 VSG Fred | | | reqency(MHz): | 5318 |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 87.6 | 20 | 1717.4 | 1407.4 | 105547 |
| 2 | 2 | 75.8 | 20 | 1425.2 | | 250609 |
| 3 | 1 | 57.2 | 20 | | | 396590 |
| 4 | 1 | 58.7 | 20 | | | 541462 |
| 5 | 2 | 67.4 | 20 | 963.6 | | 88091 |
| 6 | 1 | 63.5 | 20 | | | 233418 |
| 7 | 3 | 87 | 20 | 1077 | 1649 | 377062 |
| 8 | 1 | 65.6 | 20 | | | 523460 |
| 9 | 3 | 91.9 | 20 | 1897.1 | 1683.1 | 69979 |
| 10 | 3 | 95.8 | 20 | 1828.2 | 1786.2 | 214294 |
| 11 | 3 | 93.7 | 20 | 1745.3 | 1039.3 | 359070 |
| 12 | 1 | 61.3 | 20 | | | 505518 |
| 13 | 1 | 58.2 | 20 | | | 52488 |
| 14 | 2 | 80.4 | 20 | 995.6 | | 197237 |
| 15 | 1 | 60.3 | 20 | | | 342630 |
| 16 | 1 | 62.2 | 20 | | | 488303 |
| 17 | 1 | 65.5 | 20 | | | 34613 |
| 18 | 2 | 80.9 | 20 | 1435.1 | | 179370 |
| 19 | 2 | 80.6 | 20 | 1512.4 | | 323860 |
| 20 | 1 | 54.5 | 20 | | | 470010 |

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Radar Type5 Trial18 for 5310MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 18 | | VSG F | VSG Freqency(MHz): 5312 | | |
| Number of Bu | rsts in Trial: | | 8 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | |
| 1 | 2 | 70.6 | 5 | 1666.4 | | 41914 | |
| 2 | 3 | 91.4 | 5 | 1425.6 | 1498.6 | 404450 | |
| 3 | 3 | 91.9 | 5 | 1049.1 | 1234.1 | 767322 | |
| 4 | 3 | 94.7 | 5 | 1745.3 | 1228.3 | 1130146 | |
| 5 | 3 | 84.6 | 5 | 1701.4 | 1803.4 | 1491872 | |
| 6 | 2 | 68.7 | 5 | 1702.3 | | 360212 | |
| 7 | 3 | 95.2 | 5 | 1537.8 | 914.8 | 722556 | |
| 8 | 1 | 54.4 | 5 | | | 1087403 | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
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Radar Type5 Trial19 for 5310MHz

| Data Sheet for | r FCC Radar | | | 101 33 10101112 | - | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 19 | | VSG F | reqency(MHz): | 5316.4 |
| Number of Bu | rsts in Trial: | | 17 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 51.2 | 16 | | | 682333 |
| 2 | 2 | 70 | 16 | 1890 | | 148141 |
| 3 | 3 | 87.1 | 16 | 1111.9 | 1816.9 | 317843 |
| 4 | 1 | 66.5 | 16 | | | 490243 |
| 5 | 2 | 81.9 | 16 | 1748.1 | | 659612 |
| 6 | 3 | 84.4 | 16 | 1473.6 | 1702.6 | 126814 |
| 7 | 3 | 97.1 | 16 | 1256.9 | 1115.9 | 297138 |
| 8 | 3 | 97.1 | 16 | 1501.9 | 1126.9 | 467069 |
| 9 | 3 | 83.8 | 16 | 1881.2 | 1217.2 | 637118 |
| 10 | 3 | 83.8 | 16 | 1718.2 | 1867.2 | 105782 |
| 11 | 3 | 85.7 | 16 | 1259.3 | 1747.3 | 276164 |
| 12 | 1 | 56.9 | 16 | | | 447838 |
| 13 | 1 | 58.2 | 16 | | | 618683 |
| 14 | 3 | 94.6 | 16 | 1016.4 | 1595.4 | 85059 |
| 15 | 2 | 80 | 16 | 1395 | | 255699 |
| 16 | 2 | 72.5 | 16 | 1050.5 | | 426145 |
| 17 | 1 | 64.3 | 16 | | | 597573 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial20 for 5310MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 00 10111112 | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 20 | | VSG F | VSG Freqency(MHz): 5312 | | |
| Number of Bu | rsts in Trial: | | 8 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | $(\mu \mathrm{sec})$ | |
| 1 | 1 | 60.8 | 5 | | | 136752 | |
| 2 | 1 | 62.1 | 5 | | | 500258 | |
| 3 | 3 | 97.7 | 5 | 1616.3 | 1761.3 | 861553 | |
| 4 | 2 | 77.5 | 5 | 1124.5 | | 1226154 | |
| 5 | 1 | 50.4 | 5 | | | 92007 | |
| 6 | 3 | 87.2 | 5 | 1301.8 | 1083.8 | 454685 | |
| 7 | 3 | 98.8 | 5 | 1446.2 | 1342.2 | 817019 | |
| 8 | 1 | 54.3 | 5 | | | 1182180 | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
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Radar Type5 Trial21 for 5310MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 33 101011 12 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 21 | | VSG F | reqency(MHz): | 5303.2 |
| Number of Bu | rsts in Trial: | | 18 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 89.3 | 17 | 1705.7 | 1183.7 | 20880 |
| 2 | 1 | 64.5 | 17 | | | 182248 |
| 3 | 3 | 96.3 | 17 | 1456.7 | 1686.7 | 341878 |
| 4 | 3 | 84 | 17 | 1675 | 1459 | 502141 |
| 5 | 1 | 62.6 | 17 | | | 1108 |
| 6 | 2 | 74.1 | 17 | 1747.9 | | 161893 |
| 7 | 3 | 98.7 | 17 | 1121.3 | 1005.3 | 322414 |
| 8 | 2 | 68.3 | 17 | 1047.7 | | 484272 |
| 9 | 2 | 82.5 | 17 | 1225.5 | | 644752 |
| 10 | 1 | 64.4 | 17 | | | 142497 |
| 11 | 2 | 71.8 | 17 | 1153.2 | | 303496 |
| 12 | 1 | 58.7 | 17 | | | 464963 |
| 13 | 2 | 77.2 | 17 | 1213.8 | | 624911 |
| 14 | 2 | 79.4 | 17 | 1654.6 | | 122281 |
| 15 | 2 | 73.9 | 17 | 1634.1 | | 283090 |
| 16 | 3 | 83.4 | 17 | 1309.6 | 1851.6 | 443010 |
| 17 | 1 | 63.3 | 17 | | | 606495 |
| 18 | 2 | 78.4 | 17 | 1625.6 | | 102588 |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial22 for 5310MHz

| Data Sheet for | | Type 5 | | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 22 | | VSG F | VSG Freqency(MHz): 5308 | | |
| Number of Bu | rsts in Trial: | 8 | | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | $(\mu \text{ sec})$ | |
| 1 | 2 | 81.7 | 5 | 988.3 | | 594489 | |
| 2 | 3 | 95.2 | 5 | 1595.8 | 1423.8 | 956241 | |
| 3 | 2 | 73.6 | 5 | 1291.4 | | 1320943 | |
| 4 | 3 | 96.4 | 5 | 941.6 | 953.6 | 186647 | |
| 5 | 2 | 76 | 5 | 1696 | | 549619 | |
| 6 | 1 | 61.4 | 5 | | | 913859 | |
| 7 | 2 | 69.3 | 5 | 1407.7 | | 1275841 | |
| 8 | 2 | 80.3 | 5 | 1306.7 | | 141976 | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

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Radar Type5 Trial23 for 5310MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 33 101011 12 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 23 | | VSG F | reqency(MHz): | 5302 |
| Number of Bu | rsts in Trial: | | 20 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 73.7 | 20 | 1882.3 | | 201131 |
| 2 | 1 | 56.6 | 20 | | | 347220 |
| 3 | 3 | 97.6 | 20 | 948.4 | 1303.4 | 489894 |
| 4 | 2 | 76.9 | 20 | 1374.1 | | 38809 |
| 5 | 1 | 50.8 | 20 | | | 183989 |
| 6 | 2 | 82.8 | 20 | 1672.2 | | 327977 |
| 7 | 3 | 88.3 | 20 | 1857.7 | 1575.7 | 471382 |
| 8 | 1 | 62.1 | 20 | | | 20997 |
| 9 | 3 | 92.7 | 20 | 1454.3 | 1612.3 | 165208 |
| 10 | 2 | 69.9 | 20 | 1313.1 | | 310575 |
| 11 | 1 | 50.8 | 20 | | | 456505 |
| 12 | 1 | 63.1 | 20 | | | 3113 |
| 13 | 2 | 71.2 | 20 | 1190.8 | | 148078 |
| 14 | 1 | 59.6 | 20 | | | 293503 |
| 15 | 3 | 87.1 | 20 | 1665.9 | 1358.9 | 435927 |
| 16 | 3 | 88.7 | 20 | 1434.3 | 1148.3 | 581491 |
| 17 | 2 | 75.7 | 20 | 1130.3 | | 130019 |
| 18 | 2 | 80.2 | 20 | 994.8 | | 275010 |
| 19 | 1 | 58.1 | 20 | | | 421000 |
| 20 | 1 | 63.8 | 20 | | | 565855 |

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Radar Type5 Trial24 for 5310MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 33 101011 12 | <u>-</u> | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|---------------------------|-----------------------------------------|--|
| Trial Number: | | 24 | | VSG F | VSG Freqency(MHz): 5305.2 | | |
| Number of Bu | rsts in Trial: | | 13 | Successful Detection: | | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (<i>μ</i> sec) | |
| 1 | 3 | 87.2 | 12 | 1194.8 | 1439.8 | 172678 | |
| 2 | 2 | 81.5 | 12 | 1286.5 | | 396265 | |
| 3 | 3 | 88.3 | 12 | 1766.7 | 1405.7 | 617882 | |
| 4 | 1 | 64.3 | 12 | | | 843729 | |
| 5 | 1 | 64.2 | 12 | | | 145686 | |
| 6 | 2 | 72 | 12 | 1752 | | 368568 | |
| 7 | 1 | 55.5 | 12 | | | 593039 | |
| 8 | 1 | 53.6 | 12 | | | 816541 | |
| 9 | 2 | 80.8 | 12 | 1034.2 | | 118021 | |
| 10 | 3 | 93 | 12 | 1505 | 1651 | 340336 | |
| 11 | 3 | 88.5 | 12 | 1543.5 | 1632.5 | 563217 | |
| 12 | 3 | 84.8 | 12 | 971.2 | 1099.2 | 787034 | |
| 13 | 1 | 64.6 | 12 | | | 90662 | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

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Radar Type5_Trial25 for 5310MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 00 10111112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 25 | | VSG F | VSG Freqency(MHz): | |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| , , | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 2 | 82.3 | 7 | 1706.7 | | 453486 |
| 2 | 1 | 50.4 | 7 | | | 777166 |
| 3 | 3 | 92.1 | 7 | 1227.9 | 1878.9 | 1097070 |
| 4 | 2 | 70.8 | 7 | 1646.2 | | 91097 |
| 5 | 1 | 55.5 | 7 | | | 414338 |
| 6 | 1 | 63.5 | 7 | | | 737249 |
| 7 | 3 | 89 | 7 | 1592 | 1577 | 1057645 |
| 8 | 2 | 70.5 | 7 | 1857.5 | | 51362 |
| 9 | 1 | 65 | 7 | | | 374501 |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial26 for 5310MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 00 10111112 | | |
|----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 26 | | VSG F | reqency(MHz): | 5303.2 |
| Number of Bu | rsts in Trial: | | 18 | Succes | sful Detection: | Yes |
| Burst Pulse | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (<i>μ</i> sec) |
| 1 | 3 | 86.8 | 17 | 1496.2 | 917.2 | 347149 |
| 2 | 1 | 53.9 | 17 | | | 509709 |
| 3 | 2 | 82.6 | 17 | 1713.4 | | 5797 |
| 4 | 1 | 50.1 | 17 | | | 167090 |
| 5 | 1 | 57.2 | 17 | | | 328556 |
| 6 | 2 | 72.1 | 17 | 1825.9 | | 488346 |
| 7 | 1 | 58.1 | 17 | | | 651581 |
| 8 | 3 | 85 | 17 | 1678 | 1752 | 146548 |
| 9 | 2 | 70.6 | 17 | 1656.4 | | 307913 |
| 10 | 3 | 95.9 | 17 | 1122.1 | 1174.1 | 468131 |
| 11 | 1 | 53.3 | 17 | | | 631137 |
| 12 | 1 | 55.5 | 17 | | | 127380 |
| 13 | 3 | 93.2 | 17 | 907.8 | 972.8 | 287659 |
| 14 | 3 | 92.3 | 17 | 1372.7 | 1012.7 | 448127 |
| 15 | 2 | 68.3 | 17 | 1588.7 | | 610275 |
| 16 | 2 | 83.2 | 17 | 1396.8 | | 107311 |
| 17 | 1 | 62.7 | 17 | | | 268650 |
| 18 | 2 | 78.9 | 17 | 1055.1 | | 429390 |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial27 for 5310MHz

| Data Sheet for | r FCC Radar | | <u>-</u> | 101 00 10111112 | | |
|----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 27 | | VSG F | VSG Freqency(MHz): | |
| Number of Bu | rsts in Trial: | | 11 | Succes | sful Detection: | Yes |
| Burst Pulses | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | $(\mu \text{ sec})$ | (μ sec) |
| 1 | 2 | 77.3 | 9 | 1548.7 | | 967708 |
| 2 | 3 | 84.7 | 9 | 933.3 | 1899.3 | 143119 |
| 3 | 2 | 81.4 | 9 | 1065.6 | | 407207 |
| 4 | 3 | 99.7 | 9 | 1612.3 | 1785.3 | 669965 |
| 5 | 2 | 81.4 | 9 | 1703.6 | | 934440 |
| 6 | 1 | 66 | 9 | | | 111014 |
| 7 | 3 | 98.5 | 9 | 1180.5 | 1462.5 | 374388 |
| 8 | 3 | 88.9 | 9 | 1787.1 | 1791.1 | 637416 |
| 9 | 1 | 59.2 | 9 | | | 903598 |
| 10 | 3 | 95 | 9 | 1194 | 1508 | 78243 |
| 11 | 2 | 67.9 | 9 | 1347.1 | | 342248 |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial28 for 5310MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 28 | | VSG F | reqency(MHz): | 5307.2 |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 70.2 | 7 | 1051.8 | | 741321 |
| 2 | 1 | 66.6 | 7 | | | 1065352 |
| 3 | 2 | 69.2 | 7 | 1202.8 | | 56078 |
| 4 | 3 | 93.4 | 7 | 1319.6 | 1848.6 | 378138 |
| 5 | 2 | 72.1 | 7 | 1345.9 | | 701259 |
| 6 | 3 | 94.8 | 7 | 1845.2 | 954.2 | 1022982 |
| 7 | 3 | 84.3 | 7 | 1209.7 | 1367.7 | 16313 |
| 8 | 2 | 81.8 | 7 | 1232.2 | | 339081 |
| 9 | 1 | 64.1 | 7 | | | 662528 |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
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| 20 | | | | | | |

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Radar Type5 Trial29 for 5310MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 33 101011 12 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 29 | | VSG Freqency(MHz): | | 5307.2 |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 64.7 | 7 | | | 985215 |
| 2 | 3 | 83.4 | 7 | 1202.6 | 1248.6 | 1306313 |
| 3 | 3 | 95.5 | 7 | 1388.5 | 956.5 | 299081 |
| 4 | 3 | 95.8 | 7 | 1556.2 | 1547.2 | 620941 |
| 5 | 2 | 72.3 | 7 | 1260.7 | | 944794 |
| 6 | 3 | 92.7 | 7 | 1285.3 | 1478.3 | 1265869 |
| 7 | 2 | 81.4 | 7 | 1318.6 | | 259573 |
| 8 | 1 | 59.1 | 7 | | | 582857 |
| 9 | 3 | 89.2 | 7 | 1446.8 | 1680.8 | 903605 |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial30 for 5310MHz

| Data Sheet for | r FCC Radar | | _ | 101 00 10111112 | | |
|----------------------------------|----------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 30 | | VSG F | reqency(MHz): | 5302.4 |
| Number of Bu | rsts in Trial: | | 19 | Succes | sful Detection: | Yes |
| Burst Pulses per (8-20) Burst | Pulses per | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| , , | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (µ sec) |
| 1 | 1 | 58.1 | 19 | | | 581502 |
| 2 | 2 | 73.8 | 19 | 1264.2 | | 103807 |
| 3 | 3 | 87.6 | 19 | 1087.4 | 1504.4 | 255951 |
| 4 | 3 | 92.9 | 19 | 1681.1 | 1542.1 | 407340 |
| 5 | 3 | 84.7 | 19 | 1699.3 | 1863.3 | 559611 |
| 6 | 1 | 61.6 | 19 | | | 85254 |
| 7 | 3 | 85.8 | 19 | 981.2 | 1515.2 | 237079 |
| 8 | 3 | 83.7 | 19 | 1366.3 | 1437.3 | 389094 |
| 9 | 3 | 87.1 | 19 | 1754.9 | 1885.9 | 540109 |
| 10 | 2 | 72.6 | 19 | 953.4 | | 66354 |
| 11 | 1 | 66.5 | 19 | | | 219258 |
| 12 | 1 | 51.7 | 19 | | | 372044 |
| 13 | 2 | 68.3 | 19 | 1368.7 | | 523525 |
| 14 | 1 | 62.9 | 19 | | | 47622 |
| 15 | 1 | 63.1 | 19 | | | 200428 |
| 16 | 2 | 67.1 | 19 | 1227.9 | | 352345 |
| 17 | 1 | 50.4 | 19 | | | 506362 |
| 18 | 2 | 79.3 | 19 | 1688.7 | | 28704 |
| 19 | 3 | 84.2 | 19 | 1118.8 | 1119.8 | 180784 |
| 20 | | | | | | |

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Radar Type6 for 5310MHz

Data Sheet for FCC Radar Type 6

| Trial | Pulse Width | PRI | Pulses per Hop | Hopping Rate | Hopping Sequence Length | Successful Detection |
|-------|----------------|---------------------|----------------------|-----------------|-------------------------------|-------------------------|
| | (μ sec) | $(\mu \text{ sec})$ | | (kHz) | (msec) | (Yes/No) |
| 1 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 2 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 3 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 4 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 5 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 6 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 7 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 8 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 9 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 10 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 11 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 12 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 13 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 14 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 15 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 16 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 17 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 18 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 19 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 20 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 21 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 22 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 23 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 24 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 25 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 26 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 27 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 28 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 29 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 30 | 1 | 333 | 9 | 0.333 | 300 | Yes |

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HE40 5510MHz

| Short Pulse Radar Type | Minimum Number of Trials | Detection(%) | | Minmum Percentage of Successful Detection(%) | Pass/Fail |
|---------------------------------|------------------------------------------|----------------------|-----------------------|----------------------------------------------|-----------|
| 1 | 30 | 96 | .67 | 60 | Pass |
| 2 | 30 | 96 | .67 | 60 | Pass |
| 3 | 30 | 8 | 30 | 60 | Pass |
| 4 | 30 | 93 | .33 | 60 | Pass |
| Aggregate (Radar Types 1-4) | 120 | 91.6 | 6675 | 80 | Pass |
| Long Pulse Radar Type | Minimum Number of Trials | Each Detection(%) | Total Detection(%) | Minmum Percentage of Successful Detection(%) | Pass/Fail |
| 5 | Center:10 Low Edge:10 High Edge:10 | 100 70 100 | 90 | 80 | Pass |
| Frequency Hopping Radar Type | Minimum Number of Trials | Detec | tion(%) | Minmum Percentage of Successful Detection(%) | Pass/Fail |
| 6 | 30 | 1 | 00 | 70 | Pass |

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Radar Type1 for 5510MHz

Data Sheet for FCC Radar Type 1

| VSG Freqency | Pulse Repetition Frequency | Pulse Repetition Frequency | PRI | Test A/B | Successful Detection |
|-----------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| (141112) | Number (1 to 23) | (Pulses Per Second) | (msec) | A/B | (Yes/No) |
| 5510 | 12 | 1355 | 738 | Α | Yes |
| 5510 | 13 | 1319.3 | 758 | Α | Yes |
| 5510 | 1 | 1930.5 | 518 | Α | Yes |
| 5510 | 3 | 1792.1 | 558 | Α | Yes |
| 5510 | 4 | 1730.1 | 578 | Α | Yes |
| 5510 | 23 | 326.2 | 3066 | Α | Yes |
| 5510 | 14 | 1285.3 | 778 | Α | Yes |
| 5510 | 10 | 1432.7 | 698 | Α | Yes |
| 5510 | 17 | 1193.3 | 838 | Α | Yes |
| 5510 | 16 | 1222.5 | 818 | Α | Yes |
| 5510 | 21 | 1089.3 | 918 | Α | Yes |
| 5510 | 20 | 1113.6 | 898 | Α | Yes |
| 5510 | 18 | 1165.5 | 858 | Α | Yes |
| 5510 | 11 | 1392.8 | 718 | Α | No |
| 5510 | 9 | 1474.9 | 678 | Α | Yes |
| 5510 | - | 374.5 | 2670 | В | Yes |
| 5510 | - | 1579.8 | 633 | В | Yes |
| 5510 | - | 800 | 1250 | В | Yes |
| 5510 | - | 460 | 2174 | В | Yes |
| 5510 | - | 454.8 | 2199 | В | Yes |
| 5510 | - | 504 | 1984 | В | Yes |
| 5510 | - | 1901.1 | 526 | В | Yes |
| 5510 | - | 463.6 | 2157 | В | Yes |
| 5510 | - | 594.9 | 1681 | В | Yes |
| 5510 | - | 1015.2 | 985 | В | Yes |
| 5510 | - | 570.5 | 1753 | В | Yes |
| 5510 | - | 978.5 | 1022 | В | Yes |
| 5510 | - | 1171 | 854 | В | Yes |
| 5510 | - | 754.7 | 1325 | В | Yes |
| 5510 | - | 839.6 | 1191 | В | Yes |
| | 5510 5510 5510 5510 5510 5510 5510 5510 | Frequency (MHz) Number (1 to 23) 5510 12 5510 13 5510 1 5510 3 5510 4 5510 23 5510 14 5510 10 5510 17 5510 16 5510 21 5510 21 5510 21 5510 11 5510 9 5510 11 5510 9 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 - 5510 | Frequency (MHz) Number (1 to 23) 5510 12 1355 5510 13 1319.3 5510 1 1930.5 5510 3 1792.1 5510 4 1730.1 5510 23 326.2 5510 14 1285.3 5510 10 1432.7 5510 17 1193.3 5510 16 1222.5 5510 21 1089.3 5510 5510 20 1113.6 5510 5510 11 1392.8 5510 5510 9 1474.9 5510 - 374.5 5510 - 460 5510 - 5510 - 460 5510 - 5510 - 504 5510 - 5510 - 504 5510 - 504 5510 - 504 5510 - 504 5510 - 504.9 5510 - 504.9 5510 - 505.5 505.5 - 504.9 5510 - 504.9 5510 - 505.5 505.5 - 506.5 507.5 5510 - 507.5 5510 - 508.5 5510 - 5094.9 5510 - 5097.5 5510 - 5097.5 5510 - 570.5 5510 - 570.5 5510 - 570.5 | Frequency (MHz) Frequency Frequency Frequency PRI 5510 12 1355 738 5510 13 1319.3 758 5510 1 1930.5 518 5510 3 1792.1 558 5510 4 1730.1 578 5510 23 326.2 3066 5510 14 1285.3 778 5510 10 1432.7 698 5510 17 1193.3 838 5510 17 1193.3 838 5510 16 1222.5 818 5510 21 1089.3 918 5510 21 1089.3 918 5510 20 1113.6 898 5510 18 1165.5 858 5510 1 1392.8 718 5510 - 374.5 2670 5510 - 374.5 2670 | Frequency (MHz) Frequency Frequency (MHz) (Pulses Per Second) (msec) A/B |

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Radar Type2 for 5510MHz

Data Sheet for FCC Radar Type 2

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (23-29) | Pulse Width (1-5) | PRI (150-230) | Successful Detection |
|-------|-----------------------|------------------------------------------|----------------------|------------------|-------------------------|
| | | (23-29) | (μs) | (μs) | (Yes/No) |
| 1 | 5510 | 24 | 1.7 | 181 | Yes |
| 2 | 5510 | 28 | 4.4 | 176 | Yes |
| 3 | 5510 | 26 | 3.2 | 203 | Yes |
| 4 | 5510 | 23 | 1.5 | 156 | Yes |
| 5 | 5510 | 29 | 4.8 | 214 | Yes |
| 6 | 5510 | 24 | 1.7 | 217 | Yes |
| 7 | 5510 | 28 | 3.9 | 201 | Yes |
| 8 | 5510 | 29 | 4.9 | 153 | Yes |
| 9 | 5510 | 28 | 3.9 | 198 | Yes |
| 10 | 5510 | 28 | 4.1 | 182 | Yes |
| 11 | 5510 | 29 | 4.9 | 183 | Yes |
| 12 | 5510 | 23 | 1.2 | 179 | Yes |
| 13 | 5510 | 28 | 4 | 228 | No |
| 14 | 5510 | 27 | 3.8 | 185 | Yes |
| 15 | 5510 | 24 | 1.8 | 160 | Yes |
| 16 | 5510 | 24 | 1.8 | 212 | Yes |
| 17 | 5510 | 29 | 4.9 | 218 | Yes |
| 18 | 5510 | 23 | 1.1 | 186 | Yes |
| 19 | 5510 | 28 | 4 | 173 | Yes |
| 20 | 5510 | 23 | 1.1 | 190 | Yes |
| 21 | 5510 | 28 | 4.1 | 168 | Yes |
| 22 | 5510 | 23 | 1 | 195 | Yes |
| 23 | 5510 | 29 | 5 | 226 | Yes |
| 24 | 5510 | 26 | 2.8 | 169 | Yes |
| 25 | 5510 | 24 | 1.6 | 211 | Yes |
| 26 | 5510 | 28 | 4.1 | 202 | Yes |
| 27 | 5510 | 24 | 2 | 225 | Yes |
| 28 | 5510 | 23 | 1.5 | 208 | Yes |
| 29 | 5510 | 23 | 1.5 | 220 | Yes |
| 30 | 5510 | 29 | 4.6 | 163 | Yes |

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Radar Type3 for 5510MHz

Data Sheet for FCC Radar Type 3

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (16-18) | Pulse Width (6-10) | PRI (200-500) | Successful Detection |
|-------|-----------------------|------------------------------------------|-----------------------|------------------|-------------------------|
| | | (10-10) | (μs) | (μs) | (Yes/No) |
| 1 | 5510 | 16 | 6.7 | 374 | Yes |
| 2 | 5510 | 18 | 9.4 | 224 | Yes |
| 3 | 5510 | 17 | 8.2 | 340 | Yes |
| 4 | 5510 | 16 | 6.5 | 377 | Yes |
| 5 | 5510 | 18 | 9.8 | 387 | Yes |
| 6 | 5510 | 16 | 6.7 | 496 | Yes |
| 7 | 5510 | 18 | 8.9 | 456 | Yes |
| 8 | 5510 | 18 | 9.9 | 432 | No |
| 9 | 5510 | 18 | 8.9 | 265 | No |
| 10 | 5510 | 18 | 9.1 | 285 | Yes |
| 11 | 5510 | 18 | 9.9 | 310 | No |
| 12 | 5510 | 16 | 6.2 | 421 | Yes |
| 13 | 5510 | 18 | 9 | 277 | Yes |
| 14 | 5510 | 18 | 8.8 | 461 | Yes |
| 15 | 5510 | 16 | 6.8 | 313 | Yes |
| 16 | 5510 | 16 | 6.8 | 452 | Yes |
| 17 | 5510 | 18 | 9.9 | 379 | No |
| 18 | 5510 | 16 | 6.1 | 360 | Yes |
| 19 | 5510 | 18 | 9 | 471 | Yes |
| 20 | 5510 | 16 | 6.1 | 251 | Yes |
| 21 | 5510 | 18 | 9.1 | 485 | Yes |
| 22 | 5510 | 16 | 6 | 273 | Yes |
| 23 | 5510 | 18 | 10 | 280 | Yes |
| 24 | 5510 | 17 | 7.8 | 316 | Yes |
| 25 | 5510 | 16 | 6.6 | 217 | Yes |
| 26 | 5510 | 18 | 9.1 | 478 | Yes |
| 27 | 5510 | 16 | 7 | 247 | No |
| 28 | 5510 | 16 | 6.5 | 368 | Yes |
| 29 | 5510 | 16 | 6.5 | 433 | No |
| 30 | 5510 | 18 | 9.6 | 291 | Yes |

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Radar Type4 for 5510MHz

Data Sheet for FCC Radar Type 4

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (12-16) | Pulse Width (11-20) | PRI (200-500) | Successful Detection |
|-------|-----------------------|------------------------------------------|------------------------|------------------|-------------------------|
| | | (12-16) | (μs) | (μs) | (Yes/No) |
| 1 | 5510 | 12 | 12.6 | 374 | Yes |
| 2 | 5510 | 16 | 18.6 | 224 | Yes |
| 3 | 5510 | 14 | 15.9 | 340 | Yes |
| 4 | 5510 | 12 | 12.2 | 377 | Yes |
| 5 | 5510 | 16 | 19.5 | 387 | Yes |
| 6 | 5510 | 12 | 12.6 | 496 | No |
| 7 | 5510 | 15 | 17.5 | 456 | Yes |
| 8 | 5510 | 16 | 19.7 | 432 | Yes |
| 9 | 5510 | 15 | 17.5 | 265 | No |
| 10 | 5510 | 15 | 17.9 | 285 | Yes |
| 11 | 5510 | 16 | 19.7 | 310 | Yes |
| 12 | 5510 | 12 | 11.5 | 421 | Yes |
| 13 | 5510 | 15 | 17.7 | 277 | Yes |
| 14 | 5510 | 15 | 17.2 | 461 | Yes |
| 15 | 5510 | 13 | 12.9 | 313 | Yes |
| 16 | 5510 | 13 | 12.9 | 452 | Yes |
| 17 | 5510 | 16 | 19.7 | 379 | Yes |
| 18 | 5510 | 12 | 11.3 | 360 | Yes |
| 19 | 5510 | 15 | 17.7 | 471 | Yes |
| 20 | 5510 | 12 | 11.4 | 251 | Yes |
| 21 | 5510 | 15 | 18 | 485 | Yes |
| 22 | 5510 | 12 | 11.1 | 273 | Yes |
| 23 | 5510 | 16 | 20 | 280 | Yes |
| 24 | 5510 | 14 | 15.1 | 316 | Yes |
| 25 | 5510 | 12 | 12.3 | 217 | Yes |
| 26 | 5510 | 15 | 18 | 478 | Yes |
| 27 | 5510 | 13 | 13.3 | 247 | Yes |
| 28 | 5510 | 12 | 12.1 | 368 | Yes |
| 29 | 5510 | 12 | 12.1 | 433 | Yes |
| 30 | 5510 | 16 | 19.1 | 291 | Yes |

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Radar Type5 Trial1 for 5510MHz

| | | | /pe5_Trial1 | for 5510MHz | | |
|-----------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Data Sheet fo | r FCC Radar | Type 5 | | | | |
| Trial Number: | : | 1 | | VSG F | reqency(MHz): | 5510 |
| Number of Bu | ırsts in Trial: | | 10 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst (1-3) | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-5) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 59.1 | 7 | | | 509440 |
| 2 | 3 | 91.9 | 7 | 1660.1 | 1168.1 | 798252 |
| 3 | 2 | 77.2 | 7 | 1115.8 | | 1089803 |
| 4 | 1 | 57.1 | 7 | | | 182954 |
| 5 | 3 | 96.9 | 7 | 1047.1 | 1158.1 | 472541 |
| 6 | 1 | 58.8 | 7 | | | 764207 |
| 7 | 3 | 86.3 | 7 | 1509.7 | 1072.7 | 1052613 |
| 8 | 3 | 98.4 | 7 | 1752.6 | 1364.6 | 146682 |
| 9 | 3 | 86 | 7 | 1175 | 1438 | 436627 |
| 10 | 3 | 88.5 | 7 | 1036.5 | 1476.5 | 726571 |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 00 | | | | | | |

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Radar Type5 Trial2 for 5510MHz

| Data Sheet for | r FCC Radar | | · · - | IOI 33 IUIVIAZ | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 2 | | VSG F | reqency(MHz): | 5510 |
| Number of Bu | rsts in Trial: | | 18 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 98.3 | 18 | 1603.7 | 1771.7 | 562697 |
| 2 | 1 | 53.1 | 18 | | | 61762 |
| 3 | 3 | 87.2 | 18 | 1444.8 | 1905.8 | 221984 |
| 4 | 3 | 84.2 | 18 | 1482.8 | 1252.8 | 382580 |
| 5 | 1 | 60.5 | 18 | | | 545824 |
| 6 | 1 | 60.7 | 18 | | | 41916 |
| 7 | 3 | 98 | 18 | 943 | 1185 | 202497 |
| 8 | 1 | 52 | 18 | | | 364683 |
| 9 | 3 | 87.3 | 18 | 1352.7 | 1610.7 | 523650 |
| 10 | 1 | 52.2 | 18 | | | 22040 |
| 11 | 3 | 88.9 | 18 | 1473.1 | 934.1 | 182605 |
| 12 | 1 | 50.6 | 18 | | | 344727 |
| 13 | 3 | 99.6 | 18 | 1275.4 | 1077.4 | 503787 |
| 14 | 2 | 73 | 18 | 1089 | | 2155 |
| 15 | 1 | 57.5 | 18 | | | 163531 |
| 16 | 3 | 88.5 | 18 | 1714.5 | 1147.5 | 323167 |
| 17 | 1 | 62.7 | 18 | | | 486426 |
| 18 | 1 | 56.4 | 18 | | | 647396 |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial3 for 5510MHz

| Data Sheet for | r FCC Radar | | peo_maio | IOI 33 IUIVINZ | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 3 | | VSG F | VSG Freqency(MHz): | |
| Number of Bu | rsts in Trial: | | 15 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 56.3 | 13 | | | 172380 |
| 2 | 3 | 94.8 | 13 | 1739.2 | 1881.2 | 364228 |
| 3 | 1 | 56.7 | 13 | | | 559965 |
| 4 | 3 | 93.6 | 13 | 1082.4 | 1151.4 | 751506 |
| 5 | 3 | 90.9 | 13 | 1667.1 | 1019.1 | 148092 |
| 6 | 2 | 78.3 | 13 | 1354.7 | | 341768 |
| 7 | 2 | 78.1 | 13 | 1349.9 | | 534604 |
| 8 | 2 | 76.2 | 13 | 1531.8 | | 728198 |
| 9 | 2 | 68.9 | 13 | 1863.1 | | 124389 |
| 10 | 3 | 90.9 | 13 | 1118.1 | 1400.1 | 317319 |
| 11 | 3 | 89.6 | 13 | 1040.4 | 1009.4 | 510719 |
| 12 | 3 | 94.8 | 13 | 1885.2 | 1325.2 | 702709 |
| 13 | 3 | 89.6 | 13 | 1108.4 | 1635.4 | 100500 |
| 14 | 2 | 69 | 13 | 1356 | | 293889 |
| 15 | 3 | 91.3 | 13 | 920.7 | 1182.7 | 486456 |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial4 for 5510MHz

| Data Sheet for FCC Radar Type 5 | | | | | | | | |
|---------------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|--|
| Trial Number: | | 4 | | VSG F | VSG Freqency(MHz): 5510 | | | |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | | |
| 1 | 3 | 91.6 | 7 | 1688.4 | 1474.4 | 1134233 | | |
| 2 | 3 | 92.5 | 7 | 1172.5 | 1276.5 | 128124 | | |
| 3 | 3 | 93.7 | 7 | 983.3 | 1370.3 | 450387 | | |
| 4 | 3 | 95.6 | 7 | 1189.4 | 1655.4 | 772430 | | |
| 5 | 2 | 77.8 | 7 | 1019.2 | | 1096215 | | |
| 6 | 2 | 70.1 | 7 | 1414.9 | | 88520 | | |
| 7 | 2 | 77.9 | 7 | 1691.1 | | 411200 | | |
| 8 | 2 | 73.7 | 7 | 1137.3 | | 734049 | | |
| 9 | 1 | 51.6 | 7 | | | 1057570 | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

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Radar Type5 Trial5 for 5510MHz

| Data Sheet fo | r FCC Radar | | peo_maio | IOI 33 IUIVINZ | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 5 | | VSG F | VSG Freqency(MHz): 55 | | |
| Number of Bu | rsts in Trial: | | 20 | Successful Detection: | | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | |
| 1 | 3 | 96.2 | 19 | 1814.8 | 1768.8 | 21793 | |
| 2 | 2 | 72.7 | 19 | 1039.3 | | 166807 | |
| 3 | 3 | 87.1 | 19 | 1526.9 | 1126.9 | 310910 | |
| 4 | 1 | 58.4 | 19 | | | 457052 | |
| 5 | 3 | 92.3 | 19 | 960.7 | 1797.7 | 4040 | |
| 6 | 1 | 54.2 | 19 | | | 149188 | |
| 7 | 3 | 99.6 | 19 | 1035.4 | 1143.4 | 293399 | |
| 8 | 1 | 58.3 | 19 | | | 439797 | |
| 9 | 3 | 96.2 | 19 | 1452.8 | 1137.8 | 581535 | |
| 10 | 2 | 79.8 | 19 | 1427.2 | | 131078 | |
| 11 | 3 | 92 | 19 | 1477 | 1384 | 275287 | |
| 12 | 3 | 91.3 | 19 | 1517.7 | 1414.7 | 419118 | |
| 13 | 2 | 81.7 | 19 | 1885.3 | | 565051 | |
| 14 | 1 | 54.7 | 19 | | | 113484 | |
| 15 | 1 | 62.2 | 19 | | | 258458 | |
| 16 | 1 | 58.8 | 19 | | | 403569 | |
| 17 | 1 | 56 | 19 | | | 548708 | |
| 18 | 3 | 84.3 | 19 | 1838.7 | 1231.7 | 95056 | |
| 19 | 3 | 91.9 | 19 | 1000.1 | 941.1 | 240000 | |
| 20 | 1 | 57 | 19 | | | 386115 | |

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Radar Type5 Trial6 for 5510MHz

| Data Sheet for FCC Radar Type 5 | | | | | | | | |
|---------------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|--|
| Trial Number: | | 6 | | VSG F | VSG Freqency(MHz): 5510 | | | |
| Number of Bu | rsts in Trial: | | 10 | Successful Detection: | | Yes | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | $(\mu \mathrm{sec})$ | | |
| 1 | 1 | 62.5 | 7 | | | 1063198 | | |
| 2 | 3 | 92.6 | 7 | 1616.4 | 1575.4 | 155098 | | |
| 3 | 1 | 62.7 | 7 | | | 446078 | | |
| 4 | 2 | 69.9 | 7 | 1468.1 | | 735901 | | |
| 5 | 1 | 59.3 | 7 | | | 1027405 | | |
| 6 | 1 | 57.9 | 7 | | | 119760 | | |
| 7 | 2 | 80.5 | 7 | 1573.5 | | 409772 | | |
| 8 | 1 | 63.9 | 7 | | | 700862 | | |
| 9 | 3 | 93 | 7 | 1664 | 1779 | 988395 | | |
| 10 | 3 | 84.9 | 7 | 1906.1 | 1003.1 | 83759 | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

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Radar Type5 Trial7 for 5510MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 33 101011 12 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 7 | | VSG F | 5510 | |
| Number of Bu | rsts in Trial: | | 17 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 86.3 | 16 | 1888.7 | 1559.7 | 218969 |
| 2 | 2 | 78.4 | 16 | 1835.6 | | 390036 |
| 3 | 2 | 71 | 16 | 1137 | | 561109 |
| 4 | 1 | 55 | 16 | | | 28292 |
| 5 | 3 | 97.4 | 16 | 1601.6 | 1030.6 | 198383 |
| 6 | 2 | 68.2 | 16 | 1357.8 | | 369108 |
| 7 | 3 | 91.3 | 16 | 1512.7 | 1851.7 | 538408 |
| 8 | 2 | 69.6 | 16 | 1287.4 | | 7257 |
| 9 | 3 | 83.9 | 16 | 1010.1 | 1627.1 | 177400 |
| 10 | 1 | 64.7 | 16 | | | 348970 |
| 11 | 3 | 91.4 | 16 | 1054.6 | 1044.6 | 517798 |
| 12 | 2 | 81.2 | 16 | 1139.8 | | 689104 |
| 13 | 3 | 98.7 | 16 | 1543.3 | 1007.3 | 156487 |
| 14 | 1 | 59.7 | 16 | | | 327688 |
| 15 | 2 | 77.1 | 16 | 1345.9 | | 497950 |
| 16 | 1 | 50 | 16 | | | 669779 |
| 17 | 1 | 59.9 | 16 | | | 136017 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial8 for 5510MHz

| Data Sheet fo | Data Sheet for FCC Radar Type 5 | | | | | | | | |
|-----------------|---------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|--|--|
| Trial Number: | | 8 | | VSG F | VSG Freqency(MHz): 5510 | | | | |
| Number of Bu | umber of Bursts in Trial: | | | Succes | sful Detection: | Yes | | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | | | |
| 1 | 3 | 87.7 | 20 | 1689.3 | 1217.3 | 259202 | | | |
| 2 | 2 | 81.4 | 20 | 1558.6 | | 404443 | | | |
| 3 | 3 | 86.8 | 20 | 1491.2 | 1447.2 | 548020 | | | |
| 4 | 2 | 71.8 | 20 | 1145.2 | | 97423 | | | |
| 5 | 3 | 85.9 | 20 | 1063.1 | 1584.1 | 241799 | | | |
| 6 | 3 | 86.1 | 20 | 1259.9 | 1413.9 | 386462 | | | |
| 7 | 2 | 66.7 | 20 | 1659.3 | | 531851 | | | |
| 8 | 3 | 89.2 | 20 | 1584.8 | 1245.8 | 79445 | | | |
| 9 | 1 | 53.6 | 20 | | | 225014 | | | |
| 10 | 1 | 60 | 20 | | | 370318 | | | |
| 11 | 2 | 67.2 | 20 | 1627.8 | | 514028 | | | |
| 12 | 3 | 99.1 | 20 | 1797.9 | 1577.9 | 61519 | | | |
| 13 | 3 | 84.4 | 20 | 1503.6 | 1023.6 | 206168 | | | |
| 14 | 2 | 73.7 | 20 | 1717.3 | | 351455 | | | |
| 15 | 3 | 85.6 | 20 | 1755.4 | 1371.4 | 494388 | | | |
| 16 | 1 | 65.3 | 20 | | | 44026 | | | |
| 17 | 1 | 61.2 | 20 | | | 189213 | | | |
| 18 | 3 | 93.5 | 20 | 1567.5 | 1619.5 | 332370 | | | |
| 19 | 1 | 63.5 | 20 | | | 479707 | | | |
| 20 | 2 | 70.2 | 20 | 1341.8 | | 26103 | | | |

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Radar Type5 Trial9 for 5510MHz

| Data Sheet fo | r FCC Radar | | peo_maio | IOI 33 IUIVINZ | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 9 | | VSG F | VSG Freqency(MHz): 5510 | | |
| Number of Bu | rsts in Trial: | | 17 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (<i>μ</i> sec) | |
| 1 | 2 | 76.6 | 16 | 1759.4 | | 201002 | |
| 2 | 1 | 57.3 | 16 | | | 372296 | |
| 3 | 3 | 94.1 | 16 | 1556.9 | 1512.9 | 540876 | |
| 4 | 2 | 67.5 | 16 | 1341.5 | | 9743 | |
| 5 | 3 | 86.4 | 16 | 1729.6 | 1692.6 | 179570 | |
| 6 | 1 | 50.3 | 16 | | | 351613 | |
| 7 | 2 | 77.1 | 16 | 1392.9 | | 521115 | |
| 8 | 1 | 65.7 | 16 | | | 693452 | |
| 9 | 2 | 81.3 | 16 | 931.7 | | 159294 | |
| 10 | 3 | 94 | 16 | 1250 | 1591 | 329164 | |
| 11 | 1 | 52.9 | 16 | | | 501099 | |
| 12 | 3 | 92.8 | 16 | 1814.2 | 1374.2 | 668892 | |
| 13 | 1 | 59.3 | 16 | | | 138587 | |
| 14 | 3 | 98 | 16 | 918 | 976 | 308563 | |
| 15 | 3 | 92.9 | 16 | 1610.1 | 1303.1 | 477783 | |
| 16 | 2 | 82.5 | 16 | 1048.5 | | 649558 | |
| 17 | 1 | 56.2 | 16 | | | 117533 | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

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Radar Type5 Trial10 for 5510MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 33 101011 12 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 10 | | VSG F | reqency(MHz): | 5510 |
| Number of Bu | rsts in Trial: | | 17 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 63.1 | 17 | | | 288175 |
| 2 | 1 | 50.4 | 17 | | | 458948 |
| 3 | 3 | 92.3 | 17 | 1526.7 | 1580.7 | 627428 |
| 4 | 1 | 54.3 | 17 | | | 96478 |
| 5 | 1 | 65.9 | 17 | | | 267403 |
| 6 | 3 | 93.8 | 17 | 1113.2 | 1606.2 | 436454 |
| 7 | 1 | 58.1 | 17 | | | 609164 |
| 8 | 2 | 74.1 | 17 | 928.9 | | 75284 |
| 9 | 2 | 70.5 | 17 | 968.5 | | 245971 |
| 10 | 3 | 99.6 | 17 | 1069.4 | 948.4 | 415984 |
| 11 | 3 | 91.1 | 17 | 1799.9 | 928.9 | 585536 |
| 12 | 1 | 55.7 | 17 | | | 54333 |
| 13 | 1 | 65.8 | 17 | | | 225282 |
| 14 | 3 | 87.4 | 17 | 1038.6 | 1314.6 | 394699 |
| 15 | 1 | 66.2 | 17 | | | 567200 |
| 16 | 1 | 63.5 | 17 | | | 33292 |
| 17 | 2 | 79.8 | 17 | 1787.2 | | 203723 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial11 for 5510MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 11 | | VSG F | reqency(MHz): | 5518 |
| Number of Bu | rsts in Trial: | | 20 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 83.4 | 20 | 1425.6 | 1742.6 | 316860 |
| 2 | 2 | 80.3 | 20 | 1296.7 | | 462407 |
| 3 | 3 | 87.4 | 20 | 1676.6 | 999.6 | 10359 |
| 4 | 2 | 69.2 | 20 | 1514.8 | | 155168 |
| 5 | 3 | 85.4 | 20 | 1880.6 | 1071.6 | 299305 |
| 6 | 3 | 85.5 | 20 | 1822.5 | 951.5 | 443321 |
| 7 | 1 | 59 | 20 | | | 590629 |
| 8 | 1 | 51 | 20 | | | 137592 |
| 9 | 1 | 57.9 | 20 | | | 282763 |
| 10 | 1 | 59.7 | 20 | | | 428189 |
| 11 | 1 | 57.1 | 20 | | | 572919 |
| 12 | 2 | 74.4 | 20 | 998.6 | | 119660 |
| 13 | 3 | 89.8 | 20 | 1317.2 | 1527.2 | 263511 |
| 14 | 3 | 86.4 | 20 | 1293.6 | 1464.6 | 407997 |
| 15 | 2 | 80.9 | 20 | 1882.1 | | 553129 |
| 16 | 1 | 53.1 | 20 | | | 101934 |
| 17 | 1 | 59.1 | 20 | | | 247263 |
| 18 | 3 | 98.2 | 20 | 1551.8 | 1397.8 | 389873 |
| 19 | 3 | 93.1 | 20 | 1835.9 | 1901.9 | 533892 |
| 20 | 2 | 71.2 | 20 | 1658.8 | | 83872 |

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Radar Type5 Trial12 for 5510MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 12 | 12 VSG Freqency(M | | reqency(MHz): | 5512 |
| Number of Bu | rsts in Trial: | | 8 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | $(\mu \text{ sec})$ |
| 1 | 1 | 65.9 | 5 | | | 573744 |
| 2 | 1 | 60.6 | 5 | | | 937428 |
| 3 | 1 | 63.6 | 5 | | | 1300460 |
| 4 | 3 | 86 | 5 | 1516 | 1359 | 165310 |
| 5 | 3 | 93.5 | 5 | 1257.5 | 1118.5 | 528261 |
| 6 | 1 | 65.8 | 5 | | | 892561 |
| 7 | 1 | 50.8 | 5 | | | 1256298 |
| 8 | 3 | 86.1 | 5 | 1375.9 | 1225.9 | 120682 |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial13 for 5510MHz

| Data Sheet for | r FCC Radar | | | IOI 33 IUIVITZ | <u>- </u> | |
|-----------------|-------------------------------|--------------------------|-----------------------|-------------------------|------------------------------------------------|-----------------------------------------|
| Trial Number: | | 13 | | VSG F | reqency(MHz): | 5516.4 |
| Number of Bu | rsts in Trial: | 17 Successful Detection: | | Yes | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 59.9 | 16 | | | 227584 |
| 2 | 1 | 65.4 | 16 | | | 398367 |
| 3 | 1 | 56.5 | 16 | | | 569576 |
| 4 | 3 | 86.7 | 16 | 1443.3 | 1637.3 | 35641 |
| 5 | 2 | 79.3 | 16 | 1825.7 | | 206178 |
| 6 | 2 | 79.5 | 16 | 1168.5 | | 377006 |
| 7 | 1 | 64.6 | 16 | | | 548078 |
| 8 | 1 | 62.5 | 16 | | | 14742 |
| 9 | 3 | 95.2 | 16 | 1101.8 | 1646.8 | 184786 |
| 10 | 3 | 87 | 16 | 1883 | 1468 | 354741 |
| 11 | 2 | 77.8 | 16 | 1739.2 | | 525562 |
| 12 | 1 | 65 | 16 | | | 698312 |
| 13 | 2 | 83.3 | 16 | 1716.7 | | 164078 |
| 14 | 1 | 53.3 | 16 | | | 335420 |
| 15 | 1 | 57.9 | 16 | | | 505990 |
| 16 | 3 | 84 | 16 | 1505 | 1682 | 674134 |
| 17 | 1 | 50.9 | 16 | | | 143497 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial14 for 5510MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 00 10111112 | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 14 | | VSG F | VSG Freqency(MHz): 5516 | | |
| Number of Bu | rsts in Trial: | | 16 | Successful Detection: | | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | |
| 1 | 3 | 99.7 | 15 | 1555.3 | 1353.3 | 332503 | |
| 2 | 2 | 80.8 | 15 | 1032.2 | | 514538 | |
| 3 | 1 | 63.2 | 15 | | | 697203 | |
| 4 | 1 | 60.2 | 15 | | | 130200 | |
| 5 | 1 | 52.6 | 15 | | | 311598 | |
| 6 | 1 | 56.7 | 15 | | | 493351 | |
| 7 | 3 | 89.2 | 15 | 1070.8 | 1547.8 | 671750 | |
| 8 | 2 | 73.2 | 15 | 1082.8 | | 107602 | |
| 9 | 3 | 92.4 | 15 | 1522.6 | 1077.6 | 288052 | |
| 10 | 1 | 63.8 | 15 | | | 470601 | |
| 11 | 2 | 72.7 | 15 | 1495.3 | | 651121 | |
| 12 | 2 | 66.7 | 15 | 1098.3 | | 85311 | |
| 13 | 1 | 51.4 | 15 | | | 266788 | |
| 14 | 2 | 75.7 | 15 | 948.3 | | 447563 | |
| 15 | 2 | 69.5 | 15 | 1450.5 | | 628623 | |
| 16 | 3 | 84.7 | 15 | 1230.3 | 1221.3 | 62779 | |
| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

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Radar Type5_Trial15 for 5510MHz

| Data Sheet for FCC Radar Type 5 | | | | | | | | |
|---------------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|---------------------------|-----------------------------------------|--|--|
| Trial Number: | | 15 | | VSG F | VSG Freqency(MHz): 5513.2 | | | |
| Number of Bu | rsts in Trial: | | 10 | Succes | sful Detection: | Yes | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | $(\mu \text{ sec})$ | (μ sec) | | |
| 1 | 2 | 72.9 | 8 | 1194.1 | | 391332 | | |
| 2 | 3 | 91.1 | 8 | 1090.9 | 967.9 | 680940 | | |
| 3 | 3 | 92.5 | 8 | 1080.5 | 1669.5 | 970216 | | |
| 4 | 1 | 53.1 | 8 | | | 65107 | | |
| 5 | 2 | 70.4 | 8 | 1036.6 | | 355600 | | |
| 6 | 3 | 95.2 | 8 | 1611.8 | 1515.8 | 644771 | | |
| 7 | 1 | 60.2 | 8 | | | 936977 | | |
| 8 | 2 | 71.8 | 8 | 963.2 | | 29299 | | |
| 9 | 2 | 68.3 | 8 | 1812.7 | | 319584 | | |
| 10 | 1 | 58 | 8 | | | 610799 | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

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Radar Type5_Trial16 for 5510MHz

| Data Sheet for FCC Radar Type 5 | | | | | | | | |
|---------------------------------|-------------------------------|-------------------------|-----------------------|---------------------------|-------------------------|-----------------------------------------|--|--|
| Trial Number: | | 16 | | VSG Freqency(MHz): 5513.2 | | | | |
| Number of Bu | rsts in Trial: | | 10 | Succes | sful Detection: | Yes | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) | | |
| 1 | 2 | 72.1 | 8 | 1879.9 | | 899637 | | |
| 2 | 2 | 70.4 | 8 | 1115.6 | | 1191192 | | |
| 3 | 2 | 78 | 8 | 1841 | | 283633 | | |
| 4 | 3 | 87.9 | 8 | 1743.1 | 912.1 | 573535 | | |
| 5 | 1 | 62.6 | 8 | | | 865840 | | |
| 6 | 1 | 52.7 | 8 | | | 1156140 | | |
| 7 | 2 | 79.7 | 8 | 1882.3 | | 247878 | | |
| 8 | 3 | 85 | 8 | 1425 | 1156 | 537782 | | |
| 9 | 3 | 93.8 | 8 | 1793.2 | 1217.2 | 827726 | | |
| 10 | 3 | 85.1 | 8 | 1031.9 | 1278.9 | 1118519 | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

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Radar Type5 Trial17 for 5510MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 33 101011 12 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 17 | | VSG F | reqency(MHz): | 5518 |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 87.6 | 20 | 1717.4 | 1407.4 | 105547 |
| 2 | 2 | 75.8 | 20 | 1425.2 | | 250609 |
| 3 | 1 | 57.2 | 20 | | | 396590 |
| 4 | 1 | 58.7 | 20 | | | 541462 |
| 5 | 2 | 67.4 | 20 | 963.6 | | 88091 |
| 6 | 1 | 63.5 | 20 | | | 233418 |
| 7 | 3 | 87 | 20 | 1077 | 1649 | 377062 |
| 8 | 1 | 65.6 | 20 | | | 523460 |
| 9 | 3 | 91.9 | 20 | 1897.1 | 1683.1 | 69979 |
| 10 | 3 | 95.8 | 20 | 1828.2 | 1786.2 | 214294 |
| 11 | 3 | 93.7 | 20 | 1745.3 | 1039.3 | 359070 |
| 12 | 1 | 61.3 | 20 | | | 505518 |
| 13 | 1 | 58.2 | 20 | | | 52488 |
| 14 | 2 | 80.4 | 20 | 995.6 | | 197237 |
| 15 | 1 | 60.3 | 20 | | | 342630 |
| 16 | 1 | 62.2 | 20 | | | 488303 |
| 17 | 1 | 65.5 | 20 | | | 34613 |
| 18 | 2 | 80.9 | 20 | 1435.1 | | 179370 |
| 19 | 2 | 80.6 | 20 | 1512.4 | | 323860 |
| 20 | 1 | 54.5 | 20 | | | 470010 |

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Radar Type5 Trial18 for 5510MHz

| Data Sheet for FCC Radar Type 5 | | | | | | | | |
|---------------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|--|
| Trial Number: | | 18 | | VSG F | VSG Freqency(MHz): 5512 | | | |
| Number of Bu | rsts in Trial: | | 8 | Succes | sful Detection: | No | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | | |
| 1 | 2 | 70.6 | 5 | 1666.4 | | 41914 | | |
| 2 | 3 | 91.4 | 5 | 1425.6 | 1498.6 | 404450 | | |
| 3 | 3 | 91.9 | 5 | 1049.1 | 1234.1 | 767322 | | |
| 4 | 3 | 94.7 | 5 | 1745.3 | 1228.3 | 1130146 | | |
| 5 | 3 | 84.6 | 5 | 1701.4 | 1803.4 | 1491872 | | |
| 6 | 2 | 68.7 | 5 | 1702.3 | | 360212 | | |
| 7 | 3 | 95.2 | 5 | 1537.8 | 914.8 | 722556 | | |
| 8 | 1 | 54.4 | 5 | | | 1087403 | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
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Radar Type5 Trial19 for 5510MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 33 101011 12 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 19 | | VSG F | reqency(MHz): | 5516.4 |
| Number of Bu | rsts in Trial: | | 17 | Successful Detection: | | No |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (<i>μ</i> sec) |
| 1 | 1 | 51.2 | 16 | | | 682333 |
| 2 | 2 | 70 | 16 | 1890 | | 148141 |
| 3 | 3 | 87.1 | 16 | 1111.9 | 1816.9 | 317843 |
| 4 | 1 | 66.5 | 16 | | | 490243 |
| 5 | 2 | 81.9 | 16 | 1748.1 | | 659612 |
| 6 | 3 | 84.4 | 16 | 1473.6 | 1702.6 | 126814 |
| 7 | 3 | 97.1 | 16 | 1256.9 | 1115.9 | 297138 |
| 8 | 3 | 97.1 | 16 | 1501.9 | 1126.9 | 467069 |
| 9 | 3 | 83.8 | 16 | 1881.2 | 1217.2 | 637118 |
| 10 | 3 | 83.8 | 16 | 1718.2 | 1867.2 | 105782 |
| 11 | 3 | 85.7 | 16 | 1259.3 | 1747.3 | 276164 |
| 12 | 1 | 56.9 | 16 | | | 447838 |
| 13 | 1 | 58.2 | 16 | | | 618683 |
| 14 | 3 | 94.6 | 16 | 1016.4 | 1595.4 | 85059 |
| 15 | 2 | 80 | 16 | 1395 | | 255699 |
| 16 | 2 | 72.5 | 16 | 1050.5 | | 426145 |
| 17 | 1 | 64.3 | 16 | | | 597573 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial20 for 5510MHz

| Data Sheet for | r FCC Radar | | · · · · · · · · · · · · · · · · · · · | IOI 33 IUIVITZ | | |
|-----------------|-------------------------------|-------------------------|---------------------------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 20 | | VSG F | reqency(MHz): | 5512 |
| Number of Bu | rsts in Trial: | | 8 | Succes | sful Detection: | No |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 60.8 | 5 | | | 136752 |
| 2 | 1 | 62.1 | 5 | | | 500258 |
| 3 | 3 | 97.7 | 5 | 1616.3 | 1761.3 | 861553 |
| 4 | 2 | 77.5 | 5 | 1124.5 | | 1226154 |
| 5 | 1 | 50.4 | 5 | | | 92007 |
| 6 | 3 | 87.2 | 5 | 1301.8 | 1083.8 | 454685 |
| 7 | 3 | 98.8 | 5 | 1446.2 | 1342.2 | 817019 |
| 8 | 1 | 54.3 | 5 | | | 1182180 |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
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| 17 | | | | | | |
| 18 | | | | | | |
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Radar Type5 Trial21 for 5510MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 33 101011 12 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 21 | | VSG F | reqency(MHz): | 5503.2 |
| Number of Bu | rsts in Trial: | | 18 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 89.3 | 17 | 1705.7 | 1183.7 | 20880 |
| 2 | 1 | 64.5 | 17 | | | 182248 |
| 3 | 3 | 96.3 | 17 | 1456.7 | 1686.7 | 341878 |
| 4 | 3 | 84 | 17 | 1675 | 1459 | 502141 |
| 5 | 1 | 62.6 | 17 | | | 1108 |
| 6 | 2 | 74.1 | 17 | 1747.9 | | 161893 |
| 7 | 3 | 98.7 | 17 | 1121.3 | 1005.3 | 322414 |
| 8 | 2 | 68.3 | 17 | 1047.7 | | 484272 |
| 9 | 2 | 82.5 | 17 | 1225.5 | | 644752 |
| 10 | 1 | 64.4 | 17 | | | 142497 |
| 11 | 2 | 71.8 | 17 | 1153.2 | | 303496 |
| 12 | 1 | 58.7 | 17 | | | 464963 |
| 13 | 2 | 77.2 | 17 | 1213.8 | | 624911 |
| 14 | 2 | 79.4 | 17 | 1654.6 | | 122281 |
| 15 | 2 | 73.9 | 17 | 1634.1 | | 283090 |
| 16 | 3 | 83.4 | 17 | 1309.6 | 1851.6 | 443010 |
| 17 | 1 | 63.3 | 17 | | | 606495 |
| 18 | 2 | 78.4 | 17 | 1625.6 | | 102588 |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial22 for 5510MHz

| Data Sheet for | r FCC Radar | | <u> </u> | IOI 33 IUIVITZ | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 22 | | VSG F | VSG Freqency(MHz): | |
| Number of Bu | rsts in Trial: | | 8 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 81.7 | 5 | 988.3 | | 594489 |
| 2 | 3 | 95.2 | 5 | 1595.8 | 1423.8 | 956241 |
| 3 | 2 | 73.6 | 5 | 1291.4 | | 1320943 |
| 4 | 3 | 96.4 | 5 | 941.6 | 953.6 | 186647 |
| 5 | 2 | 76 | 5 | 1696 | | 549619 |
| 6 | 1 | 61.4 | 5 | | | 913859 |
| 7 | 2 | 69.3 | 5 | 1407.7 | | 1275841 |
| 8 | 2 | 80.3 | 5 | 1306.7 | | 141976 |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
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Radar Type5_Trial23 for 5510MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 00 10111112 | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 23 | | VSG F | VSG Freqency(MHz): 5502 | | |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| , , | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) | |
| 1 | 2 | 73.7 | 20 | 1882.3 | | 201131 | |
| 2 | 1 | 56.6 | 20 | | | 347220 | |
| 3 | 3 | 97.6 | 20 | 948.4 | 1303.4 | 489894 | |
| 4 | 2 | 76.9 | 20 | 1374.1 | | 38809 | |
| 5 | 1 | 50.8 | 20 | | | 183989 | |
| 6 | 2 | 82.8 | 20 | 1672.2 | | 327977 | |
| 7 | 3 | 88.3 | 20 | 1857.7 | 1575.7 | 471382 | |
| 8 | 1 | 62.1 | 20 | | | 20997 | |
| 9 | 3 | 92.7 | 20 | 1454.3 | 1612.3 | 165208 | |
| 10 | 2 | 69.9 | 20 | 1313.1 | | 310575 | |
| 11 | 1 | 50.8 | 20 | | | 456505 | |
| 12 | 1 | 63.1 | 20 | | | 3113 | |
| 13 | 2 | 71.2 | 20 | 1190.8 | | 148078 | |
| 14 | 1 | 59.6 | 20 | | | 293503 | |
| 15 | 3 | 87.1 | 20 | 1665.9 | 1358.9 | 435927 | |
| 16 | 3 | 88.7 | 20 | 1434.3 | 1148.3 | 581491 | |
| 17 | 2 | 75.7 | 20 | 1130.3 | | 130019 | |
| 18 | 2 | 80.2 | 20 | 994.8 | | 275010 | |
| 19 | 1 | 58.1 | 20 | | | 421000 | |
| 20 | 1 | 63.8 | 20 | | | 565855 | |

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Radar Type5 Trial24 for 5510MHz

| Data Sheet for | r FCC Radar | | <u> </u> | IOI 33 IUIVITZ | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 24 | | VSG F | reqency(MHz): | 5505.2 |
| Number of Bu | rsts in Trial: | | 13 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 87.2 | 12 | 1194.8 | 1439.8 | 172678 |
| 2 | 2 | 81.5 | 12 | 1286.5 | | 396265 |
| 3 | 3 | 88.3 | 12 | 1766.7 | 1405.7 | 617882 |
| 4 | 1 | 64.3 | 12 | | | 843729 |
| 5 | 1 | 64.2 | 12 | | | 145686 |
| 6 | 2 | 72 | 12 | 1752 | | 368568 |
| 7 | 1 | 55.5 | 12 | | | 593039 |
| 8 | 1 | 53.6 | 12 | | | 816541 |
| 9 | 2 | 80.8 | 12 | 1034.2 | | 118021 |
| 10 | 3 | 93 | 12 | 1505 | 1651 | 340336 |
| 11 | 3 | 88.5 | 12 | 1543.5 | 1632.5 | 563217 |
| 12 | 3 | 84.8 | 12 | 971.2 | 1099.2 | 787034 |
| 13 | 1 | 64.6 | 12 | | | 90662 |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
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Radar Type5_Trial25 for 5510MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 00 10111112 | | |
|----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 25 | | VSG F | reqency(MHz): | 5507.2 |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes |
| | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| , , | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 2 | 82.3 | 7 | 1706.7 | | 453486 |
| 2 | 1 | 50.4 | 7 | | | 777166 |
| 3 | 3 | 92.1 | 7 | 1227.9 | 1878.9 | 1097070 |
| 4 | 2 | 70.8 | 7 | 1646.2 | | 91097 |
| 5 | 1 | 55.5 | 7 | | | 414338 |
| 6 | 1 | 63.5 | 7 | | | 737249 |
| 7 | 3 | 89 | 7 | 1592 | 1577 | 1057645 |
| 8 | 2 | 70.5 | 7 | 1857.5 | | 51362 |
| 9 | 1 | 65 | 7 | | | 374501 |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
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| 17 | | | | | | |
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Radar Type5 Trial26 for 5510MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 33 101011 12 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 26 | | VSG F | reqency(MHz): | 5503.2 |
| Number of Bu | rsts in Trial: | | 18 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 86.8 | 17 | 1496.2 | 917.2 | 347149 |
| 2 | 1 | 53.9 | 17 | | | 509709 |
| 3 | 2 | 82.6 | 17 | 1713.4 | | 5797 |
| 4 | 1 | 50.1 | 17 | | | 167090 |
| 5 | 1 | 57.2 | 17 | | | 328556 |
| 6 | 2 | 72.1 | 17 | 1825.9 | | 488346 |
| 7 | 1 | 58.1 | 17 | | | 651581 |
| 8 | 3 | 85 | 17 | 1678 | 1752 | 146548 |
| 9 | 2 | 70.6 | 17 | 1656.4 | | 307913 |
| 10 | 3 | 95.9 | 17 | 1122.1 | 1174.1 | 468131 |
| 11 | 1 | 53.3 | 17 | | | 631137 |
| 12 | 1 | 55.5 | 17 | | | 127380 |
| 13 | 3 | 93.2 | 17 | 907.8 | 972.8 | 287659 |
| 14 | 3 | 92.3 | 17 | 1372.7 | 1012.7 | 448127 |
| 15 | 2 | 68.3 | 17 | 1588.7 | | 610275 |
| 16 | 2 | 83.2 | 17 | 1396.8 | | 107311 |
| 17 | 1 | 62.7 | 17 | | | 268650 |
| 18 | 2 | 78.9 | 17 | 1055.1 | | 429390 |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial27 for 5510MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 33 101011 12 | - | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 27 | 27 VSG | | reqency(MHz): | 5506.4 |
| Number of Bu | rsts in Trial: | | 11 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (<i>μ</i> sec) |
| 1 | 2 | 77.3 | 9 | 1548.7 | | 967708 |
| 2 | 3 | 84.7 | 9 | 933.3 | 1899.3 | 143119 |
| 3 | 2 | 81.4 | 9 | 1065.6 | | 407207 |
| 4 | 3 | 99.7 | 9 | 1612.3 | 1785.3 | 669965 |
| 5 | 2 | 81.4 | 9 | 1703.6 | | 934440 |
| 6 | 1 | 66 | 9 | | | 111014 |
| 7 | 3 | 98.5 | 9 | 1180.5 | 1462.5 | 374388 |
| 8 | 3 | 88.9 | 9 | 1787.1 | 1791.1 | 637416 |
| 9 | 1 | 59.2 | 9 | | | 903598 |
| 10 | 3 | 95 | 9 | 1194 | 1508 | 78243 |
| 11 | 2 | 67.9 | 9 | 1347.1 | | 342248 |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial28 for 5510MHz

| Data Sheet for | r FCC Radar | | | IOI 33 IUIVITZ | - | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 28 | | VSG F | reqency(MHz): | 5507.2 |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 70.2 | 7 | 1051.8 | | 741321 |
| 2 | 1 | 66.6 | 7 | | | 1065352 |
| 3 | 2 | 69.2 | 7 | 1202.8 | | 56078 |
| 4 | 3 | 93.4 | 7 | 1319.6 | 1848.6 | 378138 |
| 5 | 2 | 72.1 | 7 | 1345.9 | | 701259 |
| 6 | 3 | 94.8 | 7 | 1845.2 | 954.2 | 1022982 |
| 7 | 3 | 84.3 | 7 | 1209.7 | 1367.7 | 16313 |
| 8 | 2 | 81.8 | 7 | 1232.2 | | 339081 |
| 9 | 1 | 64.1 | 7 | | | 662528 |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial29 for 5510MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 29 | | VSG Freqency(MHz): | | 5507.2 |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 64.7 | 7 | | | 985215 |
| 2 | 3 | 83.4 | 7 | 1202.6 | 1248.6 | 1306313 |
| 3 | 3 | 95.5 | 7 | 1388.5 | 956.5 | 299081 |
| 4 | 3 | 95.8 | 7 | 1556.2 | 1547.2 | 620941 |
| 5 | 2 | 72.3 | 7 | 1260.7 | | 944794 |
| 6 | 3 | 92.7 | 7 | 1285.3 | 1478.3 | 1265869 |
| 7 | 2 | 81.4 | 7 | 1318.6 | | 259573 |
| 8 | 1 | 59.1 | 7 | | | 582857 |
| 9 | 3 | 89.2 | 7 | 1446.8 | 1680.8 | 903605 |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial30 for 5510MHz

| Data Sheet for | r FCC Radar | | _ | 101 00 10111112 | | |
|----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 30 | | VSG F | reqency(MHz): | 5502.4 |
| Number of Bu | rsts in Trial: | | 19 Sı | | sful Detection: | Yes |
| | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| , , | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (µ sec) |
| 1 | 1 | 58.1 | 19 | | | 581502 |
| 2 | 2 | 73.8 | 19 | 1264.2 | | 103807 |
| 3 | 3 | 87.6 | 19 | 1087.4 | 1504.4 | 255951 |
| 4 | 3 | 92.9 | 19 | 1681.1 | 1542.1 | 407340 |
| 5 | 3 | 84.7 | 19 | 1699.3 | 1863.3 | 559611 |
| 6 | 1 | 61.6 | 19 | | | 85254 |
| 7 | 3 | 85.8 | 19 | 981.2 | 1515.2 | 237079 |
| 8 | 3 | 83.7 | 19 | 1366.3 | 1437.3 | 389094 |
| 9 | 3 | 87.1 | 19 | 1754.9 | 1885.9 | 540109 |
| 10 | 2 | 72.6 | 19 | 953.4 | | 66354 |
| 11 | 1 | 66.5 | 19 | | | 219258 |
| 12 | 1 | 51.7 | 19 | | | 372044 |
| 13 | 2 | 68.3 | 19 | 1368.7 | | 523525 |
| 14 | 1 | 62.9 | 19 | | | 47622 |
| 15 | 1 | 63.1 | 19 | | | 200428 |
| 16 | 2 | 67.1 | 19 | 1227.9 | | 352345 |
| 17 | 1 | 50.4 | 19 | | | 506362 |
| 18 | 2 | 79.3 | 19 | 1688.7 | | 28704 |
| 19 | 3 | 84.2 | 19 | 1118.8 | 1119.8 | 180784 |
| 20 | | | | | | |

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Radar Type6 for 5510MHz

Data Sheet for FCC Radar Type 6

| Trial | Pulse Width | PRI | Pulses per Hop | Hopping Rate | Hopping Sequence Length | Successful Detection |
|-------|----------------|---------|----------------------|-----------------|-------------------------------|-------------------------|
| | (μ sec) | (μ sec) | | (kHz) | (msec) | (Yes/No) |
| 1 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 2 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 3 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 4 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 5 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 6 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 7 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 8 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 9 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 10 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 11 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 12 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 13 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 14 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 15 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 16 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 17 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 18 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 19 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 20 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 21 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 22 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 23 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 24 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 25 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 26 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 27 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 28 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 29 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 30 | 1 | 333 | 9 | 0.333 | 300 | Yes |

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HE80 5290MHz

| Short Pulse Radar Type | Minimum Number of Trials | Detection(%) | | Minmum Percentage of Successful Detection(%) | Pass/Fail |
|---------------------------------|------------------------------------------|----------------------|-----------------------|----------------------------------------------|-----------|
| 1 | 30 | 96 | .67 | 60 | Pass |
| 2 | 30 | 1 | 00 | 60 | Pass |
| 3 | 30 | 63 | .33 | 60 | Pass |
| 4 | 30 | 93 | .33 | 60 | Pass |
| Aggregate (Radar Types 1-4) | 120 | 88.3 | 3325 | 80 | Pass |
| Long Pulse Radar Type | Minimum Number of Trials | Each Detection(%) | Total Detection(%) | Minmum Percentage of Successful Detection(%) | Pass/Fail |
| 5 | Center:10 Low Edge:10 High Edge:10 | 100 100 100 | 100 | 80 | Pass |
| Frequency Hopping Radar Type | Minimum Number of Trials | Detection(%) | | Minmum Percentage of Successful Detection(%) | Pass/Fail |
| 6 | 30 | 1 | 00 | 70 | Pass |

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Radar Type1 for 5290MHz

Data Sheet for FCC Radar Type 1

| Trial | VSG Freqency (MHz) | Pulse Repetition Frequency | Pulse Repetition Frequency | PRI | Test A/B | Successful Detection |
|-------|--------------------------|-------------------------------|-------------------------------|--------|----------|-------------------------|
| | (| Number (1 to 23) | (Pulses Per Second) | (msec) | A/B | (Yes/No) |
| 1 | 5290 | 12 | 1355 | 738 | Α | Yes |
| 2 | 5290 | 13 | 1319.3 | 758 | Α | Yes |
| 3 | 5290 | 1 | 1930.5 | 518 | Α | Yes |
| 4 | 5290 | 3 | 1792.1 | 558 | Α | Yes |
| 5 | 5290 | 4 | 1730.1 | 578 | Α | Yes |
| 6 | 5290 | 23 | 326.2 | 3066 | Α | Yes |
| 7 | 5290 | 14 | 1285.3 | 778 | Α | Yes |
| 8 | 5290 | 10 | 1432.7 | 698 | Α | Yes |
| 9 | 5290 | 17 | 1193.3 | 838 | Α | Yes |
| 10 | 5290 | 16 | 1222.5 | 818 | Α | Yes |
| 11 | 5290 | 21 | 1089.3 | 918 | Α | Yes |
| 12 | 5290 | 20 | 1113.6 | 898 | Α | Yes |
| 13 | 5290 | 18 | 1165.5 | 858 | Α | Yes |
| 14 | 5290 | 11 | 1392.8 | 718 | Α | No |
| 15 | 5290 | 9 | 1474.9 | 678 | Α | Yes |
| 16 | 5290 | - | 374.5 | 2670 | В | Yes |
| 17 | 5290 | - | 1579.8 | 633 | В | Yes |
| 18 | 5290 | - | 800 | 1250 | В | Yes |
| 19 | 5290 | - | 460 | 2174 | В | Yes |
| 20 | 5290 | - | 454.8 | 2199 | В | Yes |
| 21 | 5290 | - | 504 | 1984 | В | Yes |
| 22 | 5290 | - | 1901.1 | 526 | В | Yes |
| 23 | 5290 | - | 463.6 | 2157 | В | Yes |
| 24 | 5290 | - | 594.9 | 1681 | В | Yes |
| 25 | 5290 | - | 1015.2 | 985 | В | Yes |
| 26 | 5290 | - | 570.5 | 1753 | В | Yes |
| 27 | 5290 | - | 978.5 | 1022 | В | Yes |
| 28 | 5290 | - | 1171 | 854 | В | Yes |
| 29 | 5290 | - | 754.7 | 1325 | В | Yes |
| 30 | 5290 | - | 839.6 | 1191 | В | Yes |

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Radar Type2 for 5290MHz

Data Sheet for FCC Radar Type 2

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (23-29) | Pulse Width (1-5) | PRI (150-230) | Successful Detection |
|-------|-----------------------|------------------------------------------|----------------------|------------------|-------------------------|
| | | (23-29) | (μs) | (μs) | (Yes/No) |
| 1 | 5290 | 24 | 1.7 | 181 | Yes |
| 2 | 5290 | 28 | 4.4 | 176 | Yes |
| 3 | 5290 | 26 | 3.2 | 203 | Yes |
| 4 | 5290 | 23 | 1.5 | 156 | Yes |
| 5 | 5290 | 29 | 4.8 | 214 | Yes |
| 6 | 5290 | 24 | 1.7 | 217 | Yes |
| 7 | 5290 | 28 | 3.9 | 201 | Yes |
| 8 | 5290 | 29 | 4.9 | 153 | Yes |
| 9 | 5290 | 28 | 3.9 | 198 | Yes |
| 10 | 5290 | 28 | 4.1 | 182 | Yes |
| 11 | 5290 | 29 | 4.9 | 183 | Yes |
| 12 | 5290 | 23 | 1.2 | 179 | Yes |
| 13 | 5290 | 28 | 4 | 228 | Yes |
| 14 | 5290 | 27 | 3.8 | 185 | Yes |
| 15 | 5290 | 24 | 1.8 | 160 | Yes |
| 16 | 5290 | 24 | 1.8 | 212 | Yes |
| 17 | 5290 | 29 | 4.9 | 218 | Yes |
| 18 | 5290 | 23 | 1.1 | 186 | Yes |
| 19 | 5290 | 28 | 4 | 173 | Yes |
| 20 | 5290 | 23 | 1.1 | 190 | Yes |
| 21 | 5290 | 28 | 4.1 | 168 | Yes |
| 22 | 5290 | 23 | 1 | 195 | Yes |
| 23 | 5290 | 29 | 5 | 226 | Yes |
| 24 | 5290 | 26 | 2.8 | 169 | Yes |
| 25 | 5290 | 24 | 1.6 | 211 | Yes |
| 26 | 5290 | 28 | 4.1 | 202 | Yes |
| 27 | 5290 | 24 | 2 | 225 | Yes |
| 28 | 5290 | 23 | 1.5 | 208 | Yes |
| 29 | 5290 | 23 | 1.5 | 220 | Yes |
| 30 | 5290 | 29 | 4.6 | 163 | Yes |

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Radar Type3 for 5290MHz

Data Sheet for FCC Radar Type 3

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (16-18) | Pulse Width (6-10) | PRI (200-500) | Successful Detection |
|-------|-----------------------|------------------------------------------|-----------------------|------------------|-------------------------|
| | | (10-10) | (μs) | (μs) | (Yes/No) |
| 1 | 5290 | 16 | 6.7 | 374 | No |
| 2 | 5290 | 18 | 9.4 | 224 | Yes |
| 3 | 5290 | 17 | 8.2 | 340 | No |
| 4 | 5290 | 16 | 6.5 | 377 | No |
| 5 | 5290 | 18 | 9.8 | 387 | No |
| 6 | 5290 | 16 | 6.7 | 496 | Yes |
| 7 | 5290 | 18 | 8.9 | 456 | Yes |
| 8 | 5290 | 18 | 9.9 | 432 | Yes |
| 9 | 5290 | 18 | 8.9 | 265 | No |
| 10 | 5290 | 18 | 9.1 | 285 | Yes |
| 11 | 5290 | 18 | 9.9 | 310 | Yes |
| 12 | 5290 | 16 | 6.2 | 421 | Yes |
| 13 | 5290 | 18 | 9 | 277 | Yes |
| 14 | 5290 | 18 | 8.8 | 461 | Yes |
| 15 | 5290 | 16 | 6.8 | 313 | Yes |
| 16 | 5290 | 16 | 6.8 | 452 | Yes |
| 17 | 5290 | 18 | 9.9 | 379 | Yes |
| 18 | 5290 | 16 | 6.1 | 360 | Yes |
| 19 | 5290 | 18 | 9 | 471 | Yes |
| 20 | 5290 | 16 | 6.1 | 251 | No |
| 21 | 5290 | 18 | 9.1 | 485 | No |
| 22 | 5290 | 16 | 6 | 273 | Yes |
| 23 | 5290 | 18 | 10 | 280 | Yes |
| 24 | 5290 | 17 | 7.8 | 316 | Yes |
| 25 | 5290 | 16 | 6.6 | 217 | Yes |
| 26 | 5290 | 18 | 9.1 | 478 | Yes |
| 27 | 5290 | 16 | 7 | 247 | No |
| 28 | 5290 | 16 | 6.5 | 368 | No |
| 29 | 5290 | 16 | 6.5 | 433 | No |
| 30 | 5290 | 18 | 9.6 | 291 | No |

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Radar Type4 for 5290MHz

Data Sheet for FCC Radar Type 4

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (12-16) | Pulse Width (11-20) | PRI (200-500) | Successful Detection |
|-------|-----------------------|------------------------------------------|------------------------|------------------|-------------------------|
| | | (12-16) | (μs) | (μs) | (Yes/No) |
| 1 | 5290 | 12 | 12.6 | 374 | Yes |
| 2 | 5290 | 16 | 18.6 | 224 | Yes |
| 3 | 5290 | 14 | 15.9 | 340 | Yes |
| 4 | 5290 | 12 | 12.2 | 377 | Yes |
| 5 | 5290 | 16 | 19.5 | 387 | Yes |
| 6 | 5290 | 12 | 12.6 | 496 | Yes |
| 7 | 5290 | 15 | 17.5 | 456 | No |
| 8 | 5290 | 16 | 19.7 | 432 | Yes |
| 9 | 5290 | 15 | 17.5 | 265 | Yes |
| 10 | 5290 | 15 | 17.9 | 285 | Yes |
| 11 | 5290 | 16 | 19.7 | 310 | Yes |
| 12 | 5290 | 12 | 11.5 | 421 | Yes |
| 13 | 5290 | 15 | 17.7 | 277 | Yes |
| 14 | 5290 | 15 | 17.2 | 461 | Yes |
| 15 | 5290 | 13 | 12.9 | 313 | Yes |
| 16 | 5290 | 13 | 12.9 | 452 | Yes |
| 17 | 5290 | 16 | 19.7 | 379 | Yes |
| 18 | 5290 | 12 | 11.3 | 360 | Yes |
| 19 | 5290 | 15 | 17.7 | 471 | Yes |
| 20 | 5290 | 12 | 11.4 | 251 | Yes |
| 21 | 5290 | 15 | 18 | 485 | Yes |
| 22 | 5290 | 12 | 11.1 | 273 | Yes |
| 23 | 5290 | 16 | 20 | 280 | Yes |
| 24 | 5290 | 14 | 15.1 | 316 | Yes |
| 25 | 5290 | 12 | 12.3 | 217 | Yes |
| 26 | 5290 | 15 | 18 | 478 | No |
| 27 | 5290 | 13 | 13.3 | 247 | Yes |
| 28 | 5290 | 12 | 12.1 | 368 | Yes |
| 29 | 5290 | 12 | 12.1 | 433 | Yes |
| 30 | 5290 | 16 | 19.1 | 291 | Yes |

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Radar Type5 Trial1 for 5290MHz

| | | | /pe5_Trial1 | for 5290MHz | | |
|-----------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Data Sheet fo | r FCC Radar | Type 5 | | | | |
| Trial Number: | : | 1 | | VSG F | reqency(MHz): | 5290 |
| Number of Bu | ırsts in Trial: | | 10 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst (1-3) | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-5) | (µ sec) | (MHz) | (μ sec) | (μ sec) | $(\mu \text{ sec})$ |
| 1 | 1 | 59.1 | 7 | | | 509440 |
| 2 | 3 | 91.9 | 7 | 1660.1 | 1168.1 | 798252 |
| 3 | 2 | 77.2 | 7 | 1115.8 | | 1089803 |
| 4 | 1 | 57.1 | 7 | | | 182954 |
| 5 | 3 | 96.9 | 7 | 1047.1 | 1158.1 | 472541 |
| 6 | 1 | 58.8 | 7 | | | 764207 |
| 7 | 3 | 86.3 | 7 | 1509.7 | 1072.7 | 1052613 |
| 8 | 3 | 98.4 | 7 | 1752.6 | 1364.6 | 146682 |
| 9 | 3 | 86 | 7 | 1175 | 1438 | 436627 |
| 10 | 3 | 88.5 | 7 | 1036.5 | 1476.5 | 726571 |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | _ | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 00 | | | | | | |

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Radar Type5 Trial2 for 5290MHz

| Data Sheet for | r FCC Radar | | pco_maiz | 101 32901111112 | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 2 | | VSG F | VSG Freqency(MHz): | | |
| Number of Bu | rsts in Trial: | | 18 | Successful Detection: | | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | $(\mu \text{ sec})$ | $(\mu \text{ sec})$ | |
| 1 | 3 | 98.3 | 18 | 1603.7 | 1771.7 | 562697 | |
| 2 | 1 | 53.1 | 18 | | | 61762 | |
| 3 | 3 | 87.2 | 18 | 1444.8 | 1905.8 | 221984 | |
| 4 | 3 | 84.2 | 18 | 1482.8 | 1252.8 | 382580 | |
| 5 | 1 | 60.5 | 18 | | | 545824 | |
| 6 | 1 | 60.7 | 18 | | | 41916 | |
| 7 | 3 | 98 | 18 | 943 | 1185 | 202497 | |
| 8 | 1 | 52 | 18 | | | 364683 | |
| 9 | 3 | 87.3 | 18 | 1352.7 | 1610.7 | 523650 | |
| 10 | 1 | 52.2 | 18 | | | 22040 | |
| 11 | 3 | 88.9 | 18 | 1473.1 | 934.1 | 182605 | |
| 12 | 1 | 50.6 | 18 | | | 344727 | |
| 13 | 3 | 99.6 | 18 | 1275.4 | 1077.4 | 503787 | |
| 14 | 2 | 73 | 18 | 1089 | | 2155 | |
| 15 | 1 | 57.5 | 18 | | | 163531 | |
| 16 | 3 | 88.5 | 18 | 1714.5 | 1147.5 | 323167 | |
| 17 | 1 | 62.7 | 18 | | | 486426 | |
| 18 | 1 | 56.4 | 18 | | | 647396 | |
| 19 | | | | | | | |
| 20 | | | | | | | |

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Radar Type5 Trial3 for 5290MHz

| Data Sheet for | r FCC Radar | | peo_maio | 101 3290IVITZ | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 3 | | VSG F | 5290 | |
| Number of Bu | rsts in Trial: | | 15 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 56.3 | 13 | | | 172380 |
| 2 | 3 | 94.8 | 13 | 1739.2 | 1881.2 | 364228 |
| 3 | 1 | 56.7 | 13 | | | 559965 |
| 4 | 3 | 93.6 | 13 | 1082.4 | 1151.4 | 751506 |
| 5 | 3 | 90.9 | 13 | 1667.1 | 1019.1 | 148092 |
| 6 | 2 | 78.3 | 13 | 1354.7 | | 341768 |
| 7 | 2 | 78.1 | 13 | 1349.9 | | 534604 |
| 8 | 2 | 76.2 | 13 | 1531.8 | | 728198 |
| 9 | 2 | 68.9 | 13 | 1863.1 | | 124389 |
| 10 | 3 | 90.9 | 13 | 1118.1 | 1400.1 | 317319 |
| 11 | 3 | 89.6 | 13 | 1040.4 | 1009.4 | 510719 |
| 12 | 3 | 94.8 | 13 | 1885.2 | 1325.2 | 702709 |
| 13 | 3 | 89.6 | 13 | 1108.4 | 1635.4 | 100500 |
| 14 | 2 | 69 | 13 | 1356 | | 293889 |
| 15 | 3 | 91.3 | 13 | 920.7 | 1182.7 | 486456 |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial4 for 5290MHz

| Data Sheet for FCC Radar Type 5 | | | | | | | |
|---------------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 4 | | VSG F | VSG Freqency(MHz): 5290 | | |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | |
| 1 | 3 | 91.6 | 7 | 1688.4 | 1474.4 | 1134233 | |
| 2 | 3 | 92.5 | 7 | 1172.5 | 1276.5 | 128124 | |
| 3 | 3 | 93.7 | 7 | 983.3 | 1370.3 | 450387 | |
| 4 | 3 | 95.6 | 7 | 1189.4 | 1655.4 | 772430 | |
| 5 | 2 | 77.8 | 7 | 1019.2 | | 1096215 | |
| 6 | 2 | 70.1 | 7 | 1414.9 | | 88520 | |
| 7 | 2 | 77.9 | 7 | 1691.1 | | 411200 | |
| 8 | 2 | 73.7 | 7 | 1137.3 | | 734049 | |
| 9 | 1 | 51.6 | 7 | | | 1057570 | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

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Radar Type5 Trial5 for 5290MHz

| Data Sheet fo | r FCC Radar | | peo_maio | 101 3290IVITZ | | | |
|----------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 5 | | VSG F | VSG Freqency(MHz): | | |
| Number of Bursts in Trial: | | | 20 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | |
| 1 | 3 | 96.2 | 19 | 1814.8 | 1768.8 | 21793 | |
| 2 | 2 | 72.7 | 19 | 1039.3 | | 166807 | |
| 3 | 3 | 87.1 | 19 | 1526.9 | 1126.9 | 310910 | |
| 4 | 1 | 58.4 | 19 | | | 457052 | |
| 5 | 3 | 92.3 | 19 | 960.7 | 1797.7 | 4040 | |
| 6 | 1 | 54.2 | 19 | | | 149188 | |
| 7 | 3 | 99.6 | 19 | 1035.4 | 1143.4 | 293399 | |
| 8 | 1 | 58.3 | 19 | | | 439797 | |
| 9 | 3 | 96.2 | 19 | 1452.8 | 1137.8 | 581535 | |
| 10 | 2 | 79.8 | 19 | 1427.2 | | 131078 | |
| 11 | 3 | 92 | 19 | 1477 | 1384 | 275287 | |
| 12 | 3 | 91.3 | 19 | 1517.7 | 1414.7 | 419118 | |
| 13 | 2 | 81.7 | 19 | 1885.3 | | 565051 | |
| 14 | 1 | 54.7 | 19 | | | 113484 | |
| 15 | 1 | 62.2 | 19 | | | 258458 | |
| 16 | 1 | 58.8 | 19 | | | 403569 | |
| 17 | 1 | 56 | 19 | | | 548708 | |
| 18 | 3 | 84.3 | 19 | 1838.7 | 1231.7 | 95056 | |
| 19 | 3 | 91.9 | 19 | 1000.1 | 941.1 | 240000 | |
| 20 | 1 | 57 | 19 | | | 386115 | |

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Radar Type5 Trial6 for 5290MHz

| Data Sheet for FCC Radar Type 5 | | | | | | | | |
|---------------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|--|
| Trial Number: | | 6 | | VSG F | VSG Freqency(MHz): 5290 | | | |
| Number of Bursts in Trial: | | | 10 | Succes | sful Detection: | Yes | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | |
| | (1-3) | (<i>μ</i> sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | | |
| 1 | 1 | 62.5 | 7 | | | 1063198 | | |
| 2 | 3 | 92.6 | 7 | 1616.4 | 1575.4 | 155098 | | |
| 3 | 1 | 62.7 | 7 | | | 446078 | | |
| 4 | 2 | 69.9 | 7 | 1468.1 | | 735901 | | |
| 5 | 1 | 59.3 | 7 | | | 1027405 | | |
| 6 | 1 | 57.9 | 7 | | | 119760 | | |
| 7 | 2 | 80.5 | 7 | 1573.5 | | 409772 | | |
| 8 | 1 | 63.9 | 7 | | | 700862 | | |
| 9 | 3 | 93 | 7 | 1664 | 1779 | 988395 | | |
| 10 | 3 | 84.9 | 7 | 1906.1 | 1003.1 | 83759 | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | _ | | |

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Radar Type5 Trial7 for 5290MHz

| Data Sheet fo | r FCC Radar | | <u>pco_man</u> | 101 32901111112 | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 7 | | VSG F | VSG Freqency(MHz): | | |
| Number of Bu | rsts in Trial: | | 17 | Successful Detection: | | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (<i>μ</i> sec) | |
| 1 | 3 | 86.3 | 16 | 1888.7 | 1559.7 | 218969 | |
| 2 | 2 | 78.4 | 16 | 1835.6 | | 390036 | |
| 3 | 2 | 71 | 16 | 1137 | | 561109 | |
| 4 | 1 | 55 | 16 | | | 28292 | |
| 5 | 3 | 97.4 | 16 | 1601.6 | 1030.6 | 198383 | |
| 6 | 2 | 68.2 | 16 | 1357.8 | | 369108 | |
| 7 | 3 | 91.3 | 16 | 1512.7 | 1851.7 | 538408 | |
| 8 | 2 | 69.6 | 16 | 1287.4 | | 7257 | |
| 9 | 3 | 83.9 | 16 | 1010.1 | 1627.1 | 177400 | |
| 10 | 1 | 64.7 | 16 | | | 348970 | |
| 11 | 3 | 91.4 | 16 | 1054.6 | 1044.6 | 517798 | |
| 12 | 2 | 81.2 | 16 | 1139.8 | | 689104 | |
| 13 | 3 | 98.7 | 16 | 1543.3 | 1007.3 | 156487 | |
| 14 | 1 | 59.7 | 16 | | | 327688 | |
| 15 | 2 | 77.1 | 16 | 1345.9 | | 497950 | |
| 16 | 1 | 50 | 16 | | | 669779 | |
| 17 | 1 | 59.9 | 16 | | | 136017 | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

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Radar Type5 Trial8 for 5290MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 32901VII 12 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 8 | | VSG Freqency(MHz): 5290 | | |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 87.7 | 20 | 1689.3 | 1217.3 | 259202 |
| 2 | 2 | 81.4 | 20 | 1558.6 | | 404443 |
| 3 | 3 | 86.8 | 20 | 1491.2 | 1447.2 | 548020 |
| 4 | 2 | 71.8 | 20 | 1145.2 | | 97423 |
| 5 | 3 | 85.9 | 20 | 1063.1 | 1584.1 | 241799 |
| 6 | 3 | 86.1 | 20 | 1259.9 | 1413.9 | 386462 |
| 7 | 2 | 66.7 | 20 | 1659.3 | | 531851 |
| 8 | 3 | 89.2 | 20 | 1584.8 | 1245.8 | 79445 |
| 9 | 1 | 53.6 | 20 | | | 225014 |
| 10 | 1 | 60 | 20 | | | 370318 |
| 11 | 2 | 67.2 | 20 | 1627.8 | | 514028 |
| 12 | 3 | 99.1 | 20 | 1797.9 | 1577.9 | 61519 |
| 13 | 3 | 84.4 | 20 | 1503.6 | 1023.6 | 206168 |
| 14 | 2 | 73.7 | 20 | 1717.3 | | 351455 |
| 15 | 3 | 85.6 | 20 | 1755.4 | 1371.4 | 494388 |
| 16 | 1 | 65.3 | 20 | | | 44026 |
| 17 | 1 | 61.2 | 20 | | | 189213 |
| 18 | 3 | 93.5 | 20 | 1567.5 | 1619.5 | 332370 |
| 19 | 1 | 63.5 | 20 | | | 479707 |
| 20 | 2 | 70.2 | 20 | 1341.8 | | 26103 |

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Radar Type5 Trial9 for 5290MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 32901VII 12 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 9 | | VSG Freqency(MHz): 5290 | | |
| Number of Bu | rsts in Trial: | | 17 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 2 | 76.6 | 16 | 1759.4 | | 201002 |
| 2 | 1 | 57.3 | 16 | | | 372296 |
| 3 | 3 | 94.1 | 16 | 1556.9 | 1512.9 | 540876 |
| 4 | 2 | 67.5 | 16 | 1341.5 | | 9743 |
| 5 | 3 | 86.4 | 16 | 1729.6 | 1692.6 | 179570 |
| 6 | 1 | 50.3 | 16 | | | 351613 |
| 7 | 2 | 77.1 | 16 | 1392.9 | | 521115 |
| 8 | 1 | 65.7 | 16 | | | 693452 |
| 9 | 2 | 81.3 | 16 | 931.7 | | 159294 |
| 10 | 3 | 94 | 16 | 1250 | 1591 | 329164 |
| 11 | 1 | 52.9 | 16 | | | 501099 |
| 12 | 3 | 92.8 | 16 | 1814.2 | 1374.2 | 668892 |
| 13 | 1 | 59.3 | 16 | | | 138587 |
| 14 | 3 | 98 | 16 | 918 | 976 | 308563 |
| 15 | 3 | 92.9 | 16 | 1610.1 | 1303.1 | 477783 |
| 16 | 2 | 82.5 | 16 | 1048.5 | | 649558 |
| 17 | 1 | 56.2 | 16 | | | 117533 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial10 for 5290MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 JZ 901VII 12 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 10 | | VSG F | reqency(MHz): | 5290 |
| Number of Bu | rsts in Trial: | | 17 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 63.1 | 17 | | | 288175 |
| 2 | 1 | 50.4 | 17 | | | 458948 |
| 3 | 3 | 92.3 | 17 | 1526.7 | 1580.7 | 627428 |
| 4 | 1 | 54.3 | 17 | | | 96478 |
| 5 | 1 | 65.9 | 17 | | | 267403 |
| 6 | 3 | 93.8 | 17 | 1113.2 | 1606.2 | 436454 |
| 7 | 1 | 58.1 | 17 | | | 609164 |
| 8 | 2 | 74.1 | 17 | 928.9 | | 75284 |
| 9 | 2 | 70.5 | 17 | 968.5 | | 245971 |
| 10 | 3 | 99.6 | 17 | 1069.4 | 948.4 | 415984 |
| 11 | 3 | 91.1 | 17 | 1799.9 | 928.9 | 585536 |
| 12 | 1 | 55.7 | 17 | | | 54333 |
| 13 | 1 | 65.8 | 17 | | | 225282 |
| 14 | 3 | 87.4 | 17 | 1038.6 | 1314.6 | 394699 |
| 15 | 1 | 66.2 | 17 | | | 567200 |
| 16 | 1 | 63.5 | 17 | | | 33292 |
| 17 | 2 | 79.8 | 17 | 1787.2 | | 203723 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial11 for 5290MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 0200111112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 11 | | VSG F | reqency(MHz): | 5298 |
| Number of Bu | rsts in Trial: | 20 | | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 3 | 83.4 | 20 | 1425.6 | 1742.6 | 316860 |
| 2 | 2 | 80.3 | 20 | 1296.7 | | 462407 |
| 3 | 3 | 87.4 | 20 | 1676.6 | 999.6 | 10359 |
| 4 | 2 | 69.2 | 20 | 1514.8 | | 155168 |
| 5 | 3 | 85.4 | 20 | 1880.6 | 1071.6 | 299305 |
| 6 | 3 | 85.5 | 20 | 1822.5 | 951.5 | 443321 |
| 7 | 1 | 59 | 20 | | | 590629 |
| 8 | 1 | 51 | 20 | | | 137592 |
| 9 | 1 | 57.9 | 20 | | | 282763 |
| 10 | 1 | 59.7 | 20 | | | 428189 |
| 11 | 1 | 57.1 | 20 | | | 572919 |
| 12 | 2 | 74.4 | 20 | 998.6 | | 119660 |
| 13 | 3 | 89.8 | 20 | 1317.2 | 1527.2 | 263511 |
| 14 | 3 | 86.4 | 20 | 1293.6 | 1464.6 | 407997 |
| 15 | 2 | 80.9 | 20 | 1882.1 | | 553129 |
| 16 | 1 | 53.1 | 20 | | | 101934 |
| 17 | 1 | 59.1 | 20 | | | 247263 |
| 18 | 3 | 98.2 | 20 | 1551.8 | 1397.8 | 389873 |
| 19 | 3 | 93.1 | 20 | 1835.9 | 1901.9 | 533892 |
| 20 | 2 | 71.2 | 20 | 1658.8 | | 83872 |

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Radar Type5 Trial12 for 5290MHz

| Data Sheet for | | Type 5 | | | | | |
|----------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 12 | 12 | | VSG Freqency(MHz): | | |
| Number of Bursts in Trial: | | | 8 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | |
| 1 | 1 | 65.9 | 5 | | | 573744 | |
| 2 | 1 | 60.6 | 5 | | | 937428 | |
| 3 | 1 | 63.6 | 5 | | | 1300460 | |
| 4 | 3 | 86 | 5 | 1516 | 1359 | 165310 | |
| 5 | 3 | 93.5 | 5 | 1257.5 | 1118.5 | 528261 | |
| 6 | 1 | 65.8 | 5 | | | 892561 | |
| 7 | 1 | 50.8 | 5 | | | 1256298 | |
| 8 | 3 | 86.1 | 5 | 1375.9 | 1225.9 | 120682 | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

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Radar Type5_Trial13 for 5290MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 020011112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 13 | | VSG F | reqency(MHz): | 5296.4 |
| Number of Bu | rsts in Trial: | 17 | | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| , , | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (µ sec) |
| 1 | 1 | 59.9 | 16 | | | 227584 |
| 2 | 1 | 65.4 | 16 | | | 398367 |
| 3 | 1 | 56.5 | 16 | | | 569576 |
| 4 | 3 | 86.7 | 16 | 1443.3 | 1637.3 | 35641 |
| 5 | 2 | 79.3 | 16 | 1825.7 | | 206178 |
| 6 | 2 | 79.5 | 16 | 1168.5 | | 377006 |
| 7 | 1 | 64.6 | 16 | | | 548078 |
| 8 | 1 | 62.5 | 16 | | | 14742 |
| 9 | 3 | 95.2 | 16 | 1101.8 | 1646.8 | 184786 |
| 10 | 3 | 87 | 16 | 1883 | 1468 | 354741 |
| 11 | 2 | 77.8 | 16 | 1739.2 | | 525562 |
| 12 | 1 | 65 | 16 | | | 698312 |
| 13 | 2 | 83.3 | 16 | 1716.7 | | 164078 |
| 14 | 1 | 53.3 | 16 | | | 335420 |
| 15 | 1 | 57.9 | 16 | | | 505990 |
| 16 | 3 | 84 | 16 | 1505 | 1682 | 674134 |
| 17 | 1 | 50.9 | 16 | | | 143497 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial14 for 5290MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 020011112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 14 | | VSG F | reqency(MHz): | 5296 |
| Number of Bu | rsts in Trial: | | 16 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 3 | 99.7 | 15 | 1555.3 | 1353.3 | 332503 |
| 2 | 2 | 80.8 | 15 | 1032.2 | | 514538 |
| 3 | 1 | 63.2 | 15 | | | 697203 |
| 4 | 1 | 60.2 | 15 | | | 130200 |
| 5 | 1 | 52.6 | 15 | | | 311598 |
| 6 | 1 | 56.7 | 15 | | | 493351 |
| 7 | 3 | 89.2 | 15 | 1070.8 | 1547.8 | 671750 |
| 8 | 2 | 73.2 | 15 | 1082.8 | | 107602 |
| 9 | 3 | 92.4 | 15 | 1522.6 | 1077.6 | 288052 |
| 10 | 1 | 63.8 | 15 | | | 470601 |
| 11 | 2 | 72.7 | 15 | 1495.3 | | 651121 |
| 12 | 2 | 66.7 | 15 | 1098.3 | | 85311 |
| 13 | 1 | 51.4 | 15 | | | 266788 |
| 14 | 2 | 75.7 | 15 | 948.3 | | 447563 |
| 15 | 2 | 69.5 | 15 | 1450.5 | | 628623 |
| 16 | 3 | 84.7 | 15 | 1230.3 | 1221.3 | 62779 |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial15 for 5290MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 3290101112 | - | | |
|---------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 15 | | VSG F | VSG Freqency(MHz): | | |
| Number of Bu | rsts in Trial: | | 10 | Succes | sful Detection: | Yes | |
| | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | |
| 1 | 2 | 72.9 | 8 | 1194.1 | | 391332 | |
| 2 | 3 | 91.1 | 8 | 1090.9 | 967.9 | 680940 | |
| 3 | 3 | 92.5 | 8 | 1080.5 | 1669.5 | 970216 | |
| 4 | 1 | 53.1 | 8 | | | 65107 | |
| 5 | 2 | 70.4 | 8 | 1036.6 | | 355600 | |
| 6 | 3 | 95.2 | 8 | 1611.8 | 1515.8 | 644771 | |
| 7 | 1 | 60.2 | 8 | | | 936977 | |
| 8 | 2 | 71.8 | 8 | 963.2 | | 29299 | |
| 9 | 2 | 68.3 | 8 | 1812.7 | | 319584 | |
| 10 | 1 | 58 | 8 | | | 610799 | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
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Radar Type5_Trial16 for 5290MHz

| Data Sheet fo | r FCC Radar | | <u>-</u> | 101 0200111112 | | | |
|----------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|---------------------------|-----------------------------------------|--|
| Trial Number: | | 16 | | VSG F | VSG Freqency(MHz): 5293.2 | | |
| Number of Bursts in Trial: | | | 10 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | |
| 1 | 2 | 72.1 | 8 | 1879.9 | | 899637 | |
| 2 | 2 | 70.4 | 8 | 1115.6 | | 1191192 | |
| 3 | 2 | 78 | 8 | 1841 | | 283633 | |
| 4 | 3 | 87.9 | 8 | 1743.1 | 912.1 | 573535 | |
| 5 | 1 | 62.6 | 8 | | | 865840 | |
| 6 | 1 | 52.7 | 8 | | | 1156140 | |
| 7 | 2 | 79.7 | 8 | 1882.3 | | 247878 | |
| 8 | 3 | 85 | 8 | 1425 | 1156 | 537782 | |
| 9 | 3 | 93.8 | 8 | 1793.2 | 1217.2 | 827726 | |
| 10 | 3 | 85.1 | 8 | 1031.9 | 1278.9 | 1118519 | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
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Radar Type5_Trial17 for 5290MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 020011112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 17 | | VSG F | reqency(MHz): | 5298 |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 87.6 | 20 | 1717.4 | 1407.4 | 105547 |
| 2 | 2 | 75.8 | 20 | 1425.2 | | 250609 |
| 3 | 1 | 57.2 | 20 | | | 396590 |
| 4 | 1 | 58.7 | 20 | | | 541462 |
| 5 | 2 | 67.4 | 20 | 963.6 | | 88091 |
| 6 | 1 | 63.5 | 20 | | | 233418 |
| 7 | 3 | 87 | 20 | 1077 | 1649 | 377062 |
| 8 | 1 | 65.6 | 20 | | | 523460 |
| 9 | 3 | 91.9 | 20 | 1897.1 | 1683.1 | 69979 |
| 10 | 3 | 95.8 | 20 | 1828.2 | 1786.2 | 214294 |
| 11 | 3 | 93.7 | 20 | 1745.3 | 1039.3 | 359070 |
| 12 | 1 | 61.3 | 20 | | | 505518 |
| 13 | 1 | 58.2 | 20 | | | 52488 |
| 14 | 2 | 80.4 | 20 | 995.6 | | 197237 |
| 15 | 1 | 60.3 | 20 | | | 342630 |
| 16 | 1 | 62.2 | 20 | | | 488303 |
| 17 | 1 | 65.5 | 20 | | | 34613 |
| 18 | 2 | 80.9 | 20 | 1435.1 | | 179370 |
| 19 | 2 | 80.6 | 20 | 1512.4 | | 323860 |
| 20 | 1 | 54.5 | 20 | | | 470010 |

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Radar Type5 Trial18 for 5290MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 18 | | VSG F | reqency(MHz): | 5292 |
| Number of Bu | rsts in Trial: | | 8 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 70.6 | 5 | 1666.4 | | 41914 |
| 2 | 3 | 91.4 | 5 | 1425.6 | 1498.6 | 404450 |
| 3 | 3 | 91.9 | 5 | 1049.1 | 1234.1 | 767322 |
| 4 | 3 | 94.7 | 5 | 1745.3 | 1228.3 | 1130146 |
| 5 | 3 | 84.6 | 5 | 1701.4 | 1803.4 | 1491872 |
| 6 | 2 | 68.7 | 5 | 1702.3 | | 360212 |
| 7 | 3 | 95.2 | 5 | 1537.8 | 914.8 | 722556 |
| 8 | 1 | 54.4 | 5 | | | 1087403 |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
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Radar Type5_Trial19 for 5290MHz

| Data Sheet fo | r FCC Radar | | <u> </u> | 101 020011112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 19 | | VSG F | reqency(MHz): | 5296.4 |
| Number of Bu | rsts in Trial: | 17 | | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| , , | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 1 | 51.2 | 16 | | | 682333 |
| 2 | 2 | 70 | 16 | 1890 | | 148141 |
| 3 | 3 | 87.1 | 16 | 1111.9 | 1816.9 | 317843 |
| 4 | 1 | 66.5 | 16 | | | 490243 |
| 5 | 2 | 81.9 | 16 | 1748.1 | | 659612 |
| 6 | 3 | 84.4 | 16 | 1473.6 | 1702.6 | 126814 |
| 7 | 3 | 97.1 | 16 | 1256.9 | 1115.9 | 297138 |
| 8 | 3 | 97.1 | 16 | 1501.9 | 1126.9 | 467069 |
| 9 | 3 | 83.8 | 16 | 1881.2 | 1217.2 | 637118 |
| 10 | 3 | 83.8 | 16 | 1718.2 | 1867.2 | 105782 |
| 11 | 3 | 85.7 | 16 | 1259.3 | 1747.3 | 276164 |
| 12 | 1 | 56.9 | 16 | | | 447838 |
| 13 | 1 | 58.2 | 16 | | | 618683 |
| 14 | 3 | 94.6 | 16 | 1016.4 | 1595.4 | 85059 |
| 15 | 2 | 80 | 16 | 1395 | | 255699 |
| 16 | 2 | 72.5 | 16 | 1050.5 | | 426145 |
| 17 | 1 | 64.3 | 16 | | | 597573 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial20 for 5290MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 20 | | VSG F | reqency(MHz): | 5292 |
| Number of Bu | rsts in Trial: | | 8 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 60.8 | 5 | | | 136752 |
| 2 | 1 | 62.1 | 5 | | | 500258 |
| 3 | 3 | 97.7 | 5 | 1616.3 | 1761.3 | 861553 |
| 4 | 2 | 77.5 | 5 | 1124.5 | | 1226154 |
| 5 | 1 | 50.4 | 5 | | | 92007 |
| 6 | 3 | 87.2 | 5 | 1301.8 | 1083.8 | 454685 |
| 7 | 3 | 98.8 | 5 | 1446.2 | 1342.2 | 817019 |
| 8 | 1 | 54.3 | 5 | | | 1182180 |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
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Radar Type5 Trial21 for 5290MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 3290101112 | - | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 21 | | VSG F | reqency(MHz): | 5283.2 |
| Number of Bu | rsts in Trial: | | 18 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 89.3 | 17 | 1705.7 | 1183.7 | 20880 |
| 2 | 1 | 64.5 | 17 | | | 182248 |
| 3 | 3 | 96.3 | 17 | 1456.7 | 1686.7 | 341878 |
| 4 | 3 | 84 | 17 | 1675 | 1459 | 502141 |
| 5 | 1 | 62.6 | 17 | | | 1108 |
| 6 | 2 | 74.1 | 17 | 1747.9 | | 161893 |
| 7 | 3 | 98.7 | 17 | 1121.3 | 1005.3 | 322414 |
| 8 | 2 | 68.3 | 17 | 1047.7 | | 484272 |
| 9 | 2 | 82.5 | 17 | 1225.5 | | 644752 |
| 10 | 1 | 64.4 | 17 | | | 142497 |
| 11 | 2 | 71.8 | 17 | 1153.2 | | 303496 |
| 12 | 1 | 58.7 | 17 | | | 464963 |
| 13 | 2 | 77.2 | 17 | 1213.8 | | 624911 |
| 14 | 2 | 79.4 | 17 | 1654.6 | | 122281 |
| 15 | 2 | 73.9 | 17 | 1634.1 | | 283090 |
| 16 | 3 | 83.4 | 17 | 1309.6 | 1851.6 | 443010 |
| 17 | 1 | 63.3 | 17 | | | 606495 |
| 18 | 2 | 78.4 | 17 | 1625.6 | | 102588 |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial22 for 5290MHz

| Data Sheet for | r FCC Radar | | | 101 J290W11 12 | | |
|----------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 22 | | VSG Freqency(MHz): 5288 | | |
| Number of Bursts in Trial: | | | 8 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 81.7 | 5 | 988.3 | | 594489 |
| 2 | 3 | 95.2 | 5 | 1595.8 | 1423.8 | 956241 |
| 3 | 2 | 73.6 | 5 | 1291.4 | | 1320943 |
| 4 | 3 | 96.4 | 5 | 941.6 | 953.6 | 186647 |
| 5 | 2 | 76 | 5 | 1696 | | 549619 |
| 6 | 1 | 61.4 | 5 | | | 913859 |
| 7 | 2 | 69.3 | 5 | 1407.7 | | 1275841 |
| 8 | 2 | 80.3 | 5 | 1306.7 | | 141976 |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
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Radar Type5 Trial23 for 5290MHz

| Data Sheet for | r FCC Radar | | | 101 5290101112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 23 | | VSG F | reqency(MHz): | 5282 |
| Number of Bu | rsts in Trial: | | 20 | Succes | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 73.7 | 20 | 1882.3 | | 201131 |
| 2 | 1 | 56.6 | 20 | | | 347220 |
| 3 | 3 | 97.6 | 20 | 948.4 | 1303.4 | 489894 |
| 4 | 2 | 76.9 | 20 | 1374.1 | | 38809 |
| 5 | 1 | 50.8 | 20 | | | 183989 |
| 6 | 2 | 82.8 | 20 | 1672.2 | | 327977 |
| 7 | 3 | 88.3 | 20 | 1857.7 | 1575.7 | 471382 |
| 8 | 1 | 62.1 | 20 | | | 20997 |
| 9 | 3 | 92.7 | 20 | 1454.3 | 1612.3 | 165208 |
| 10 | 2 | 69.9 | 20 | 1313.1 | | 310575 |
| 11 | 1 | 50.8 | 20 | | | 456505 |
| 12 | 1 | 63.1 | 20 | | | 3113 |
| 13 | 2 | 71.2 | 20 | 1190.8 | | 148078 |
| 14 | 1 | 59.6 | 20 | | | 293503 |
| 15 | 3 | 87.1 | 20 | 1665.9 | 1358.9 | 435927 |
| 16 | 3 | 88.7 | 20 | 1434.3 | 1148.3 | 581491 |
| 17 | 2 | 75.7 | 20 | 1130.3 | | 130019 |
| 18 | 2 | 80.2 | 20 | 994.8 | | 275010 |
| 19 | 1 | 58.1 | 20 | | | 421000 |
| 20 | 1 | 63.8 | 20 | | | 565855 |

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Radar Type5 Trial24 for 5290MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 JZ 901VII 12 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 24 | | VSG F | reqency(MHz): | 5285.2 |
| Number of Bu | rsts in Trial: | 13 | | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (<i>μ</i> sec) |
| 1 | 3 | 87.2 | 12 | 1194.8 | 1439.8 | 172678 |
| 2 | 2 | 81.5 | 12 | 1286.5 | | 396265 |
| 3 | 3 | 88.3 | 12 | 1766.7 | 1405.7 | 617882 |
| 4 | 1 | 64.3 | 12 | | | 843729 |
| 5 | 1 | 64.2 | 12 | | | 145686 |
| 6 | 2 | 72 | 12 | 1752 | | 368568 |
| 7 | 1 | 55.5 | 12 | | | 593039 |
| 8 | 1 | 53.6 | 12 | | | 816541 |
| 9 | 2 | 80.8 | 12 | 1034.2 | | 118021 |
| 10 | 3 | 93 | 12 | 1505 | 1651 | 340336 |
| 11 | 3 | 88.5 | 12 | 1543.5 | 1632.5 | 563217 |
| 12 | 3 | 84.8 | 12 | 971.2 | 1099.2 | 787034 |
| 13 | 1 | 64.6 | 12 | | | 90662 |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial25 for 5290MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 25 | | VSG F | reqency(MHz): | 5287.2 |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 82.3 | 7 | 1706.7 | | 453486 |
| 2 | 1 | 50.4 | 7 | | | 777166 |
| 3 | 3 | 92.1 | 7 | 1227.9 | 1878.9 | 1097070 |
| 4 | 2 | 70.8 | 7 | 1646.2 | | 91097 |
| 5 | 1 | 55.5 | 7 | | | 414338 |
| 6 | 1 | 63.5 | 7 | | | 737249 |
| 7 | 3 | 89 | 7 | 1592 | 1577 | 1057645 |
| 8 | 2 | 70.5 | 7 | 1857.5 | | 51362 |
| 9 | 1 | 65 | 7 | | | 374501 |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | _ | | | | | |

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Radar Type5 Trial26 for 5290MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 32301011 12 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 26 | | VSG F | reqency(MHz): | 5283.2 |
| Number of Bu | rsts in Trial: | | 18 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 86.8 | 17 | 1496.2 | 917.2 | 347149 |
| 2 | 1 | 53.9 | 17 | | | 509709 |
| 3 | 2 | 82.6 | 17 | 1713.4 | | 5797 |
| 4 | 1 | 50.1 | 17 | | | 167090 |
| 5 | 1 | 57.2 | 17 | | | 328556 |
| 6 | 2 | 72.1 | 17 | 1825.9 | | 488346 |
| 7 | 1 | 58.1 | 17 | | | 651581 |
| 8 | 3 | 85 | 17 | 1678 | 1752 | 146548 |
| 9 | 2 | 70.6 | 17 | 1656.4 | | 307913 |
| 10 | 3 | 95.9 | 17 | 1122.1 | 1174.1 | 468131 |
| 11 | 1 | 53.3 | 17 | | | 631137 |
| 12 | 1 | 55.5 | 17 | | | 127380 |
| 13 | 3 | 93.2 | 17 | 907.8 | 972.8 | 287659 |
| 14 | 3 | 92.3 | 17 | 1372.7 | 1012.7 | 448127 |
| 15 | 2 | 68.3 | 17 | 1588.7 | | 610275 |
| 16 | 2 | 83.2 | 17 | 1396.8 | | 107311 |
| 17 | 1 | 62.7 | 17 | | | 268650 |
| 18 | 2 | 78.9 | 17 | 1055.1 | | 429390 |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial27 for 5290MHz

| Data Sheet for | r FCC Radar | | <u>-</u> | 101 020011112 | | |
|-------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 27 | | VSG F | VSG Freqency(MHz): 5286 | |
| Number of Bu | rsts in Trial: | | 11 | Succes | sful Detection: | Yes |
| Burst F (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 2 | 77.3 | 9 | 1548.7 | | 967708 |
| 2 | 3 | 84.7 | 9 | 933.3 | 1899.3 | 143119 |
| 3 | 2 | 81.4 | 9 | 1065.6 | | 407207 |
| 4 | 3 | 99.7 | 9 | 1612.3 | 1785.3 | 669965 |
| 5 | 2 | 81.4 | 9 | 1703.6 | | 934440 |
| 6 | 1 | 66 | 9 | | | 111014 |
| 7 | 3 | 98.5 | 9 | 1180.5 | 1462.5 | 374388 |
| 8 | 3 | 88.9 | 9 | 1787.1 | 1791.1 | 637416 |
| 9 | 1 | 59.2 | 9 | | | 903598 |
| 10 | 3 | 95 | 9 | 1194 | 1508 | 78243 |
| 11 | 2 | 67.9 | 9 | 1347.1 | | 342248 |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial28 for 5290MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 3290101112 | - | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 28 | | VSG F | reqency(MHz): | 5287.2 |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 70.2 | 7 | 1051.8 | | 741321 |
| 2 | 1 | 66.6 | 7 | | | 1065352 |
| 3 | 2 | 69.2 | 7 | 1202.8 | | 56078 |
| 4 | 3 | 93.4 | 7 | 1319.6 | 1848.6 | 378138 |
| 5 | 2 | 72.1 | 7 | 1345.9 | | 701259 |
| 6 | 3 | 94.8 | 7 | 1845.2 | 954.2 | 1022982 |
| 7 | 3 | 84.3 | 7 | 1209.7 | 1367.7 | 16313 |
| 8 | 2 | 81.8 | 7 | 1232.2 | | 339081 |
| 9 | 1 | 64.1 | 7 | | | 662528 |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial29 for 5290MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 3290101112 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 29 | | VSG F | reqency(MHz): | 5287.2 |
| Number of Bu | rsts in Trial: | | 9 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 64.7 | 7 | | | 985215 |
| 2 | 3 | 83.4 | 7 | 1202.6 | 1248.6 | 1306313 |
| 3 | 3 | 95.5 | 7 | 1388.5 | 956.5 | 299081 |
| 4 | 3 | 95.8 | 7 | 1556.2 | 1547.2 | 620941 |
| 5 | 2 | 72.3 | 7 | 1260.7 | | 944794 |
| 6 | 3 | 92.7 | 7 | 1285.3 | 1478.3 | 1265869 |
| 7 | 2 | 81.4 | 7 | 1318.6 | | 259573 |
| 8 | 1 | 59.1 | 7 | | | 582857 |
| 9 | 3 | 89.2 | 7 | 1446.8 | 1680.8 | 903605 |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial30 for 5290MHz

| Data Sheet for | r FCC Radar | | _ | 101 020011112 | | |
|---------------------------------|----------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 30 | | VSG F | reqency(MHz): | 5282.4 |
| Number of Bu | rsts in Trial: | | 19 | Succes | sful Detection: | Yes |
| Burst Pulses pe (8-20) Burst | Pulses per | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| , , | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (µ sec) |
| 1 | 1 | 58.1 | 19 | | | 581502 |
| 2 | 2 | 73.8 | 19 | 1264.2 | | 103807 |
| 3 | 3 | 87.6 | 19 | 1087.4 | 1504.4 | 255951 |
| 4 | 3 | 92.9 | 19 | 1681.1 | 1542.1 | 407340 |
| 5 | 3 | 84.7 | 19 | 1699.3 | 1863.3 | 559611 |
| 6 | 1 | 61.6 | 19 | | | 85254 |
| 7 | 3 | 85.8 | 19 | 981.2 | 1515.2 | 237079 |
| 8 | 3 | 83.7 | 19 | 1366.3 | 1437.3 | 389094 |
| 9 | 3 | 87.1 | 19 | 1754.9 | 1885.9 | 540109 |
| 10 | 2 | 72.6 | 19 | 953.4 | | 66354 |
| 11 | 1 | 66.5 | 19 | | | 219258 |
| 12 | 1 | 51.7 | 19 | | | 372044 |
| 13 | 2 | 68.3 | 19 | 1368.7 | | 523525 |
| 14 | 1 | 62.9 | 19 | | | 47622 |
| 15 | 1 | 63.1 | 19 | | | 200428 |
| 16 | 2 | 67.1 | 19 | 1227.9 | | 352345 |
| 17 | 1 | 50.4 | 19 | | | 506362 |
| 18 | 2 | 79.3 | 19 | 1688.7 | | 28704 |
| 19 | 3 | 84.2 | 19 | 1118.8 | 1119.8 | 180784 |
| 20 | | | | | | |

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Radar Type6 for 5290MHz

Data Sheet for FCC Radar Type 6

| Trial | Pulse Width | PRI | Pulses per Hop | Hopping Rate | Hopping Sequence Length | Successful Detection |
|-------|----------------|----------|----------------------|-----------------|-------------------------------|-------------------------|
| | (μ sec) | (μ sec) | | (kHz) | (msec) | (Yes/No) |
| 1 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 2 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 3 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 4 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 5 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 6 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 7 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 8 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 9 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 10 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 11 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 12 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 13 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 14 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 15 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 16 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 17 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 18 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 19 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 20 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 21 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 22 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 23 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 24 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 25 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 26 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 27 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 28 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 29 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 30 | 1 | 333 | 9 | 0.333 | 300 | Yes |

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HE80 5530MHz

| Short Pulse Radar Type | Minimum Number of Trials | Detection(%) | | Minmum Percentage of Successful Detection(%) | Pass/Fail |
|---------------------------------|------------------------------------------|----------------------|-----------------------|----------------------------------------------|-----------|
| 1 | 30 | 86 | .67 | 60 | Pass |
| 2 | 30 | 93 | .33 | 60 | Pass |
| 3 | 30 | 93 | .33 | 60 | Pass |
| 4 | 30 | 8 | 30 | 60 | Pass |
| Aggregate (Radar Types 1-4) | 120 | 88.3 | 3325 | 80 | Pass |
| Long Pulse Radar Type | Minimum Number of Trials | Each Detection(%) | Total Detection(%) | Minmum Percentage of Successful Detection(%) | Pass/Fail |
| 5 | Center:10 Low Edge:10 High Edge:10 | 100 100 100 | 100 | 80 | Pass |
| Frequency Hopping Radar Type | Minimum Number of Trials | Detec | tion(%) | Minmum Percentage of Successful Detection(%) | Pass/Fail |
| 6 | 30 | 1 | 00 | 70 | Pass |

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Radar Type1 for 5530MHz

Data Sheet for FCC Radar Type 1

| Trial | VSG Freqency (MHz) | Pulse Repetition Frequency | Pulse Repetition Frequency | PRI | Test A/B | Successful Detection |
|-------|--------------------------|-------------------------------|-------------------------------|--------|----------|-------------------------|
| | (1411 12) | Number (1 to 23) | (Pulses Per Second) | (msec) | A/B | (Yes/No) |
| 1 | 5530 | 12 | 1355 | 738 | Α | Yes |
| 2 | 5530 | 13 | 1319.3 | 758 | Α | Yes |
| 3 | 5530 | 1 | 1930.5 | 518 | Α | Yes |
| 4 | 5530 | 3 | 1792.1 | 558 | Α | Yes |
| 5 | 5530 | 4 | 1730.1 | 578 | Α | Yes |
| 6 | 5530 | 23 | 326.2 | 3066 | Α | Yes |
| 7 | 5530 | 14 | 1285.3 | 778 | Α | Yes |
| 8 | 5530 | 10 | 1432.7 | 698 | Α | Yes |
| 9 | 5530 | 17 | 1193.3 | 838 | Α | No |
| 10 | 5530 | 16 | 1222.5 | 818 | Α | Yes |
| 11 | 5530 | 21 | 1089.3 | 918 | Α | Yes |
| 12 | 5530 | 20 | 1113.6 | 898 | Α | Yes |
| 13 | 5530 | 18 | 1165.5 | 858 | Α | Yes |
| 14 | 5530 | 11 | 1392.8 | 718 | Α | No |
| 15 | 5530 | 9 | 1474.9 | 678 | Α | Yes |
| 16 | 5530 | - | 374.5 | 2670 | В | Yes |
| 17 | 5530 | - | 1579.8 | 633 | В | Yes |
| 18 | 5530 | - | 800 | 1250 | В | Yes |
| 19 | 5530 | - | 460 | 2174 | В | Yes |
| 20 | 5530 | - | 454.8 | 2199 | В | No |
| 21 | 5530 | - | 504 | 1984 | В | No |
| 22 | 5530 | - | 1901.1 | 526 | В | Yes |
| 23 | 5530 | - | 463.6 | 2157 | В | Yes |
| 24 | 5530 | - | 594.9 | 1681 | В | Yes |
| 25 | 5530 | - | 1015.2 | 985 | В | Yes |
| 26 | 5530 | - | 570.5 | 1753 | В | Yes |
| 27 | 5530 | - | 978.5 | 1022 | В | Yes |
| 28 | 5530 | - | 1171 | 854 | В | Yes |
| 29 | 5530 | - | 754.7 | 1325 | В | Yes |
| 30 | 5530 | - | 839.6 | 1191 | В | Yes |

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Radar Type2 for 5530MHz

Data Sheet for FCC Radar Type 2

| Trial | VSG Frequency (MHz) | Number Pulses per Burst (23-29) | Pulse Width (1-5) | PRI (150-230) | Successful Detection |
|-------|------------------------|------------------------------------------|----------------------|------------------|-------------------------|
| | | (23-29) | (μs) | (μs) | (Yes/No) |
| 1 | 5530 | 24 | 1.7 | 181 | Yes |
| 2 | 5530 | 28 | 4.4 | 176 | Yes |
| 3 | 5530 | 26 | 3.2 | 203 | Yes |
| 4 | 5530 | 23 | 1.5 | 156 | Yes |
| 5 | 5530 | 29 | 4.8 | 214 | Yes |
| 6 | 5530 | 24 | 1.7 | 217 | Yes |
| 7 | 5530 | 28 | 3.9 | 201 | Yes |
| 8 | 5530 | 29 | 4.9 | 153 | Yes |
| 9 | 5530 | 28 | 3.9 | 198 | Yes |
| 10 | 5530 | 28 | 4.1 | 182 | Yes |
| 11 | 5530 | 29 | 4.9 | 183 | Yes |
| 12 | 5530 | 23 | 1.2 | 179 | Yes |
| 13 | 5530 | 28 | 4 | 228 | Yes |
| 14 | 5530 | 27 | 3.8 | 185 | Yes |
| 15 | 5530 | 24 | 1.8 | 160 | No |
| 16 | 5530 | 24 | 1.8 | 212 | Yes |
| 17 | 5530 | 29 | 4.9 | 218 | Yes |
| 18 | 5530 | 23 | 1.1 | 186 | Yes |
| 19 | 5530 | 28 | 4 | 173 | Yes |
| 20 | 5530 | 23 | 1.1 | 190 | Yes |
| 21 | 5530 | 28 | 4.1 | 168 | Yes |
| 22 | 5530 | 23 | 1 | 195 | Yes |
| 23 | 5530 | 29 | 5 | 226 | Yes |
| 24 | 5530 | 26 | 2.8 | 169 | Yes |
| 25 | 5530 | 24 | 1.6 | 211 | Yes |
| 26 | 5530 | 28 | 4.1 | 202 | Yes |
| 27 | 5530 | 24 | 2 | 225 | Yes |
| 28 | 5530 | 23 | 1.5 | 208 | Yes |
| 29 | 5530 | 23 | 1.5 | 220 | Yes |
| 30 | 5530 | 29 | 4.6 | 163 | No |

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Radar Type3 for 5530MHz

Data Sheet for FCC Radar Type 3

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (16-18) | Pulse Width (6-10) | PRI (200-500) | Successful Detection |
|-------|-----------------------|------------------------------------------|-----------------------|------------------|-------------------------|
| | | (10-10) | (μs) | (μs) | (Yes/No) |
| 1 | 5530 | 16 | 6.7 | 374 | Yes |
| 2 | 5530 | 18 | 9.4 | 224 | Yes |
| 3 | 5530 | 17 | 8.2 | 340 | Yes |
| 4 | 5530 | 16 | 6.5 | 377 | Yes |
| 5 | 5530 | 18 | 9.8 | 387 | Yes |
| 6 | 5530 | 16 | 6.7 | 496 | Yes |
| 7 | 5530 | 18 | 8.9 | 456 | Yes |
| 8 | 5530 | 18 | 9.9 | 432 | Yes |
| 9 | 5530 | 18 | 8.9 | 265 | Yes |
| 10 | 5530 | 18 | 9.1 | 285 | Yes |
| 11 | 5530 | 18 | 9.9 | 310 | Yes |
| 12 | 5530 | 16 | 6.2 | 421 | Yes |
| 13 | 5530 | 18 | 9 | 277 | Yes |
| 14 | 5530 | 18 | 8.8 | 461 | Yes |
| 15 | 5530 | 16 | 6.8 | 313 | Yes |
| 16 | 5530 | 16 | 6.8 | 452 | Yes |
| 17 | 5530 | 18 | 9.9 | 379 | No |
| 18 | 5530 | 16 | 6.1 | 360 | No |
| 19 | 5530 | 18 | 9 | 471 | Yes |
| 20 | 5530 | 16 | 6.1 | 251 | Yes |
| 21 | 5530 | 18 | 9.1 | 485 | Yes |
| 22 | 5530 | 16 | 6 | 273 | Yes |
| 23 | 5530 | 18 | 10 | 280 | Yes |
| 24 | 5530 | 17 | 7.8 | 316 | Yes |
| 25 | 5530 | 16 | 6.6 | 217 | Yes |
| 26 | 5530 | 18 | 9.1 | 478 | Yes |
| 27 | 5530 | 16 | 7 | 247 | Yes |
| 28 | 5530 | 16 | 6.5 | 368 | Yes |
| 29 | 5530 | 16 | 6.5 | 433 | Yes |
| 30 | 5530 | 18 | 9.6 | 291 | Yes |

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Radar Type4 for 5530MHz

Data Sheet for FCC Radar Type 4

| Trial | VSG Freqency (MHz) | Number Pulses per Burst (12-16) | Pulse Width (11-20) | PRI (200-500) | Successful Detection |
|-------|-----------------------|------------------------------------------|------------------------|------------------|-------------------------|
| | | (12-10) | (μs) | (μs) | (Yes/No) |
| 1 | 5530 | 12 | 12.6 | 374 | Yes |
| 2 | 5530 | 16 | 18.6 | 224 | Yes |
| 3 | 5530 | 14 | 15.9 | 340 | Yes |
| 4 | 5530 | 12 | 12.2 | 377 | Yes |
| 5 | 5530 | 16 | 19.5 | 387 | No |
| 6 | 5530 | 12 | 12.6 | 496 | Yes |
| 7 | 5530 | 15 | 17.5 | 456 | Yes |
| 8 | 5530 | 16 | 19.7 | 432 | Yes |
| 9 | 5530 | 15 | 17.5 | 265 | Yes |
| 10 | 5530 | 15 | 17.9 | 285 | Yes |
| 11 | 5530 | 16 | 19.7 | 310 | No |
| 12 | 5530 | 12 | 11.5 | 421 | Yes |
| 13 | 5530 | 15 | 17.7 | 277 | Yes |
| 14 | 5530 | 15 | 17.2 | 461 | Yes |
| 15 | 5530 | 13 | 12.9 | 313 | Yes |
| 16 | 5530 | 13 | 12.9 | 452 | Yes |
| 17 | 5530 | 16 | 19.7 | 379 | Yes |
| 18 | 5530 | 12 | 11.3 | 360 | Yes |
| 19 | 5530 | 15 | 17.7 | 471 | No |
| 20 | 5530 | 12 | 11.4 | 251 | Yes |
| 21 | 5530 | 15 | 18 | 485 | Yes |
| 22 | 5530 | 12 | 11.1 | 273 | Yes |
| 23 | 5530 | 16 | 20 | 280 | Yes |
| 24 | 5530 | 14 | 15.1 | 316 | No |
| 25 | 5530 | 12 | 12.3 | 217 | Yes |
| 26 | 5530 | 15 | 18 | 478 | Yes |
| 27 | 5530 | 13 | 13.3 | 247 | No |
| 28 | 5530 | 12 | 12.1 | 368 | Yes |
| 29 | 5530 | 12 | 12.1 | 433 | No |
| 30 | 5530 | 16 | 19.1 | 291 | Yes |

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Radar Type5 Trial1 for 5530MHz

| Data Shoot fo | Radar Type5_Trial1 for 5530MHz Data Sheet for FCC Radar Type 5 | | | | | | | |
|----------------------------|-----------------------------------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|--|
| | | | | \ <u>'00</u> = | (2.21.1.) | | | |
| Trial Number: | | 1 | | VSG F | reqency(MHz): | 5530 | | |
| Number of Bursts in Trial: | | | 10 | Succes | sful Detection: | Yes | | |
| Burst (8-20) | Number Pulses per Burst (1-3) | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | |
| | (1.5) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | | |
| 1 | 1 | 59.1 | 7 | | | 509440 | | |
| 2 | 3 | 91.9 | 7 | 1660.1 | 1168.1 | 798252 | | |
| 3 | 2 | 77.2 | 7 | 1115.8 | | 1089803 | | |
| 4 | 1 | 57.1 | 7 | | | 182954 | | |
| 5 | 3 | 96.9 | 7 | 1047.1 | 1158.1 | 472541 | | |
| 6 | 1 | 58.8 | 7 | | | 764207 | | |
| 7 | 3 | 86.3 | 7 | 1509.7 | 1072.7 | 1052613 | | |
| 8 | 3 | 98.4 | 7 | 1752.6 | 1364.6 | 146682 | | |
| 9 | 3 | 86 | 7 | 1175 | 1438 | 436627 | | |
| 10 | 3 | 88.5 | 7 | 1036.5 | 1476.5 | 726571 | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

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Radar Type5 Trial2 for 5530MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 33301011 12 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 2 | | VSG F | reqency(MHz): | 5530 |
| Number of Bu | rsts in Trial: | | 18 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 98.3 | 18 | 1603.7 | 1771.7 | 562697 |
| 2 | 1 | 53.1 | 18 | | | 61762 |
| 3 | 3 | 87.2 | 18 | 1444.8 | 1905.8 | 221984 |
| 4 | 3 | 84.2 | 18 | 1482.8 | 1252.8 | 382580 |
| 5 | 1 | 60.5 | 18 | | | 545824 |
| 6 | 1 | 60.7 | 18 | | | 41916 |
| 7 | 3 | 98 | 18 | 943 | 1185 | 202497 |
| 8 | 1 | 52 | 18 | | | 364683 |
| 9 | 3 | 87.3 | 18 | 1352.7 | 1610.7 | 523650 |
| 10 | 1 | 52.2 | 18 | | | 22040 |
| 11 | 3 | 88.9 | 18 | 1473.1 | 934.1 | 182605 |
| 12 | 1 | 50.6 | 18 | | | 344727 |
| 13 | 3 | 99.6 | 18 | 1275.4 | 1077.4 | 503787 |
| 14 | 2 | 73 | 18 | 1089 | | 2155 |
| 15 | 1 | 57.5 | 18 | | | 163531 |
| 16 | 3 | 88.5 | 18 | 1714.5 | 1147.5 | 323167 |
| 17 | 1 | 62.7 | 18 | | | 486426 |
| 18 | 1 | 56.4 | 18 | | | 647396 |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial3 for 5530MHz

| Data Sheet for | r FCC Radar | | peo_maio | 101 33301111112 | | |
|-----------------|-------------------------------|---------------------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 3 | | VSG F | reqency(MHz): | 5530 |
| Number of Bu | rsts in Trial: | ts in Trial: 15 Successful Detection: | | Yes | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 56.3 | 13 | | | 172380 |
| 2 | 3 | 94.8 | 13 | 1739.2 | 1881.2 | 364228 |
| 3 | 1 | 56.7 | 13 | | | 559965 |
| 4 | 3 | 93.6 | 13 | 1082.4 | 1151.4 | 751506 |
| 5 | 3 | 90.9 | 13 | 1667.1 | 1019.1 | 148092 |
| 6 | 2 | 78.3 | 13 | 1354.7 | | 341768 |
| 7 | 2 | 78.1 | 13 | 1349.9 | | 534604 |
| 8 | 2 | 76.2 | 13 | 1531.8 | | 728198 |
| 9 | 2 | 68.9 | 13 | 1863.1 | | 124389 |
| 10 | 3 | 90.9 | 13 | 1118.1 | 1400.1 | 317319 |
| 11 | 3 | 89.6 | 13 | 1040.4 | 1009.4 | 510719 |
| 12 | 3 | 94.8 | 13 | 1885.2 | 1325.2 | 702709 |
| 13 | 3 | 89.6 | 13 | 1108.4 | 1635.4 | 100500 |
| 14 | 2 | 69 | 13 | 1356 | | 293889 |
| 15 | 3 | 91.3 | 13 | 920.7 | 1182.7 | 486456 |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial4 for 5530MHz

| Data Sheet for | Data Sheet for FCC Radar Type 5 | | | | | | | | |
|-----------------|---------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|--|--|
| Trial Number: | | 4 | | VSG Freqency(MHz): 5530 | | | | | |
| Number of Bu | rsts in Trial: | | 9 | Successful Detection: | | Yes | | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | $(\mu \text{ sec})$ | | | |
| 1 | 3 | 91.6 | 7 | 1688.4 | 1474.4 | 1134233 | | | |
| 2 | 3 | 92.5 | 7 | 1172.5 | 1276.5 | 128124 | | | |
| 3 | 3 | 93.7 | 7 | 983.3 | 1370.3 | 450387 | | | |
| 4 | 3 | 95.6 | 7 | 1189.4 | 1655.4 | 772430 | | | |
| 5 | 2 | 77.8 | 7 | 1019.2 | | 1096215 | | | |
| 6 | 2 | 70.1 | 7 | 1414.9 | | 88520 | | | |
| 7 | 2 | 77.9 | 7 | 1691.1 | | 411200 | | | |
| 8 | 2 | 73.7 | 7 | 1137.3 | | 734049 | | | |
| 9 | 1 | 51.6 | 7 | | | 1057570 | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
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Radar Type5 Trial5 for 5530MHz

| Data Sheet for | r FCC Radar | | - | 101 33301111112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 5 | | VSG F | reqency(MHz): | 5530 |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 96.2 | 19 | 1814.8 | 1768.8 | 21793 |
| 2 | 2 | 72.7 | 19 | 1039.3 | | 166807 |
| 3 | 3 | 87.1 | 19 | 1526.9 | 1126.9 | 310910 |
| 4 | 1 | 58.4 | 19 | | | 457052 |
| 5 | 3 | 92.3 | 19 | 960.7 | 1797.7 | 4040 |
| 6 | 1 | 54.2 | 19 | | | 149188 |
| 7 | 3 | 99.6 | 19 | 1035.4 | 1143.4 | 293399 |
| 8 | 1 | 58.3 | 19 | | | 439797 |
| 9 | 3 | 96.2 | 19 | 1452.8 | 1137.8 | 581535 |
| 10 | 2 | 79.8 | 19 | 1427.2 | | 131078 |
| 11 | 3 | 92 | 19 | 1477 | 1384 | 275287 |
| 12 | 3 | 91.3 | 19 | 1517.7 | 1414.7 | 419118 |
| 13 | 2 | 81.7 | 19 | 1885.3 | | 565051 |
| 14 | 1 | 54.7 | 19 | | | 113484 |
| 15 | 1 | 62.2 | 19 | | | 258458 |
| 16 | 1 | 58.8 | 19 | | | 403569 |
| 17 | 1 | 56 | 19 | | | 548708 |
| 18 | 3 | 84.3 | 19 | 1838.7 | 1231.7 | 95056 |
| 19 | 3 | 91.9 | 19 | 1000.1 | 941.1 | 240000 |
| 20 | 1 | 57 | 19 | | | 386115 |

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Radar Type5 Trial6 for 5530MHz

| Data Sheet fo | r FCC Radar | | pco_maio | 101 33301111112 | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 6 | | VSG F | VSG Freqency(MHz): 553 | | |
| Number of Bu | rsts in Trial: | | 10 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) | |
| 1 | 1 | 62.5 | 7 | | | 1063198 | |
| 2 | 3 | 92.6 | 7 | 1616.4 | 1575.4 | 155098 | |
| 3 | 1 | 62.7 | 7 | | | 446078 | |
| 4 | 2 | 69.9 | 7 | 1468.1 | | 735901 | |
| 5 | 1 | 59.3 | 7 | | | 1027405 | |
| 6 | 1 | 57.9 | 7 | | | 119760 | |
| 7 | 2 | 80.5 | 7 | 1573.5 | | 409772 | |
| 8 | 1 | 63.9 | 7 | | | 700862 | |
| 9 | 3 | 93 | 7 | 1664 | 1779 | 988395 | |
| 10 | 3 | 84.9 | 7 | 1906.1 | 1003.1 | 83759 | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
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Radar Type5 Trial7 for 5530MHz

| Data Sheet for | r FCC Radar | | <u>pco_man</u> | 101 33301111112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 7 | | VSG F | reqency(MHz): | 5530 |
| Number of Bu | rsts in Trial: | | 17 | Successful Detection | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 86.3 | 16 | 1888.7 | 1559.7 | 218969 |
| 2 | 2 | 78.4 | 16 | 1835.6 | | 390036 |
| 3 | 2 | 71 | 16 | 1137 | | 561109 |
| 4 | 1 | 55 | 16 | | | 28292 |
| 5 | 3 | 97.4 | 16 | 1601.6 | 1030.6 | 198383 |
| 6 | 2 | 68.2 | 16 | 1357.8 | | 369108 |
| 7 | 3 | 91.3 | 16 | 1512.7 | 1851.7 | 538408 |
| 8 | 2 | 69.6 | 16 | 1287.4 | | 7257 |
| 9 | 3 | 83.9 | 16 | 1010.1 | 1627.1 | 177400 |
| 10 | 1 | 64.7 | 16 | | | 348970 |
| 11 | 3 | 91.4 | 16 | 1054.6 | 1044.6 | 517798 |
| 12 | 2 | 81.2 | 16 | 1139.8 | | 689104 |
| 13 | 3 | 98.7 | 16 | 1543.3 | 1007.3 | 156487 |
| 14 | 1 | 59.7 | 16 | | | 327688 |
| 15 | 2 | 77.1 | 16 | 1345.9 | | 497950 |
| 16 | 1 | 50 | 16 | | | 669779 |
| 17 | 1 | 59.9 | 16 | | | 136017 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial8 for 5530MHz

| Data Sheet fo | r FCC Radar | | peo_maio | 101 33301111112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 8 | | VSG F | reqency(MHz): | 5530 |
| Number of Bu | rsts in Trial: | | 20 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 87.7 | 20 | 1689.3 | 1217.3 | 259202 |
| 2 | 2 | 81.4 | 20 | 1558.6 | | 404443 |
| 3 | 3 | 86.8 | 20 | 1491.2 | 1447.2 | 548020 |
| 4 | 2 | 71.8 | 20 | 1145.2 | | 97423 |
| 5 | 3 | 85.9 | 20 | 1063.1 | 1584.1 | 241799 |
| 6 | 3 | 86.1 | 20 | 1259.9 | 1413.9 | 386462 |
| 7 | 2 | 66.7 | 20 | 1659.3 | | 531851 |
| 8 | 3 | 89.2 | 20 | 1584.8 | 1245.8 | 79445 |
| 9 | 1 | 53.6 | 20 | | | 225014 |
| 10 | 1 | 60 | 20 | | | 370318 |
| 11 | 2 | 67.2 | 20 | 1627.8 | | 514028 |
| 12 | 3 | 99.1 | 20 | 1797.9 | 1577.9 | 61519 |
| 13 | 3 | 84.4 | 20 | 1503.6 | 1023.6 | 206168 |
| 14 | 2 | 73.7 | 20 | 1717.3 | | 351455 |
| 15 | 3 | 85.6 | 20 | 1755.4 | 1371.4 | 494388 |
| 16 | 1 | 65.3 | 20 | | | 44026 |
| 17 | 1 | 61.2 | 20 | | | 189213 |
| 18 | 3 | 93.5 | 20 | 1567.5 | 1619.5 | 332370 |
| 19 | 1 | 63.5 | 20 | | | 479707 |
| 20 | 2 | 70.2 | 20 | 1341.8 | | 26103 |

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Radar Type5 Trial9 for 5530MHz

| Data Sheet for | r FCC Radar | | | 101 33301111112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 9 | | VSG F | reqency(MHz): | 5530 |
| Number of Bu | rsts in Trial: | | 17 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 76.6 | 16 | 1759.4 | | 201002 |
| 2 | 1 | 57.3 | 16 | | | 372296 |
| 3 | 3 | 94.1 | 16 | 1556.9 | 1512.9 | 540876 |
| 4 | 2 | 67.5 | 16 | 1341.5 | | 9743 |
| 5 | 3 | 86.4 | 16 | 1729.6 | 1692.6 | 179570 |
| 6 | 1 | 50.3 | 16 | | | 351613 |
| 7 | 2 | 77.1 | 16 | 1392.9 | | 521115 |
| 8 | 1 | 65.7 | 16 | | | 693452 |
| 9 | 2 | 81.3 | 16 | 931.7 | | 159294 |
| 10 | 3 | 94 | 16 | 1250 | 1591 | 329164 |
| 11 | 1 | 52.9 | 16 | | | 501099 |
| 12 | 3 | 92.8 | 16 | 1814.2 | 1374.2 | 668892 |
| 13 | 1 | 59.3 | 16 | | | 138587 |
| 14 | 3 | 98 | 16 | 918 | 976 | 308563 |
| 15 | 3 | 92.9 | 16 | 1610.1 | 1303.1 | 477783 |
| 16 | 2 | 82.5 | 16 | 1048.5 | | 649558 |
| 17 | 1 | 56.2 | 16 | | | 117533 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial10 for 5530MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 33301011 12 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 10 | | VSG F | reqency(MHz): | 5530 |
| Number of Bu | rsts in Trial: | | 17 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 63.1 | 17 | | | 288175 |
| 2 | 1 | 50.4 | 17 | | | 458948 |
| 3 | 3 | 92.3 | 17 | 1526.7 | 1580.7 | 627428 |
| 4 | 1 | 54.3 | 17 | | | 96478 |
| 5 | 1 | 65.9 | 17 | | | 267403 |
| 6 | 3 | 93.8 | 17 | 1113.2 | 1606.2 | 436454 |
| 7 | 1 | 58.1 | 17 | | | 609164 |
| 8 | 2 | 74.1 | 17 | 928.9 | | 75284 |
| 9 | 2 | 70.5 | 17 | 968.5 | | 245971 |
| 10 | 3 | 99.6 | 17 | 1069.4 | 948.4 | 415984 |
| 11 | 3 | 91.1 | 17 | 1799.9 | 928.9 | 585536 |
| 12 | 1 | 55.7 | 17 | | | 54333 |
| 13 | 1 | 65.8 | 17 | | | 225282 |
| 14 | 3 | 87.4 | 17 | 1038.6 | 1314.6 | 394699 |
| 15 | 1 | 66.2 | 17 | | | 567200 |
| 16 | 1 | 63.5 | 17 | | | 33292 |
| 17 | 2 | 79.8 | 17 | 1787.2 | | 203723 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial11 for 5530MHz

| Data Sheet fo | r FCC Radar | | | 101 00001111 12 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 11 | | VSG F | reqency(MHz): | 5538 |
| Number of Bu | rsts in Trial: | 20 | | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 3 | 83.4 | 20 | 1425.6 | 1742.6 | 316860 |
| 2 | 2 | 80.3 | 20 | 1296.7 | | 462407 |
| 3 | 3 | 87.4 | 20 | 1676.6 | 999.6 | 10359 |
| 4 | 2 | 69.2 | 20 | 1514.8 | | 155168 |
| 5 | 3 | 85.4 | 20 | 1880.6 | 1071.6 | 299305 |
| 6 | 3 | 85.5 | 20 | 1822.5 | 951.5 | 443321 |
| 7 | 1 | 59 | 20 | | | 590629 |
| 8 | 1 | 51 | 20 | | | 137592 |
| 9 | 1 | 57.9 | 20 | | | 282763 |
| 10 | 1 | 59.7 | 20 | | | 428189 |
| 11 | 1 | 57.1 | 20 | | | 572919 |
| 12 | 2 | 74.4 | 20 | 998.6 | | 119660 |
| 13 | 3 | 89.8 | 20 | 1317.2 | 1527.2 | 263511 |
| 14 | 3 | 86.4 | 20 | 1293.6 | 1464.6 | 407997 |
| 15 | 2 | 80.9 | 20 | 1882.1 | | 553129 |
| 16 | 1 | 53.1 | 20 | | | 101934 |
| 17 | 1 | 59.1 | 20 | | | 247263 |
| 18 | 3 | 98.2 | 20 | 1551.8 | 1397.8 | 389873 |
| 19 | 3 | 93.1 | 20 | 1835.9 | 1901.9 | 533892 |
| 20 | 2 | 71.2 | 20 | 1658.8 | | 83872 |

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Radar Type5 Trial12 for 5530MHz

| Data Sheet for | r FCC Radar | | | 101 3330101112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 12 | | VSG F | reqency(MHz): | 5532 |
| Number of Bu | rsts in Trial: | | 8 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 1 | 65.9 | 5 | | | 573744 |
| 2 | 1 | 60.6 | 5 | | | 937428 |
| 3 | 1 | 63.6 | 5 | | | 1300460 |
| 4 | 3 | 86 | 5 | 1516 | 1359 | 165310 |
| 5 | 3 | 93.5 | 5 | 1257.5 | 1118.5 | 528261 |
| 6 | 1 | 65.8 | 5 | | | 892561 |
| 7 | 1 | 50.8 | 5 | | | 1256298 |
| 8 | 3 | 86.1 | 5 | 1375.9 | 1225.9 | 120682 |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial13 for 5530MHz

| Data Sheet for | r FCC Radar | | | 101 3330101112 | <u>- </u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|------------------------------------------------|-----------------------------------------|
| Trial Number: | | 13 | | VSG F | reqency(MHz): | 5536.4 |
| Number of Bu | rsts in Trial: | | 17 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 59.9 | 16 | | | 227584 |
| 2 | 1 | 65.4 | 16 | | | 398367 |
| 3 | 1 | 56.5 | 16 | | | 569576 |
| 4 | 3 | 86.7 | 16 | 1443.3 | 1637.3 | 35641 |
| 5 | 2 | 79.3 | 16 | 1825.7 | | 206178 |
| 6 | 2 | 79.5 | 16 | 1168.5 | | 377006 |
| 7 | 1 | 64.6 | 16 | | | 548078 |
| 8 | 1 | 62.5 | 16 | | | 14742 |
| 9 | 3 | 95.2 | 16 | 1101.8 | 1646.8 | 184786 |
| 10 | 3 | 87 | 16 | 1883 | 1468 | 354741 |
| 11 | 2 | 77.8 | 16 | 1739.2 | | 525562 |
| 12 | 1 | 65 | 16 | | | 698312 |
| 13 | 2 | 83.3 | 16 | 1716.7 | | 164078 |
| 14 | 1 | 53.3 | 16 | | | 335420 |
| 15 | 1 | 57.9 | 16 | | | 505990 |
| 16 | 3 | 84 | 16 | 1505 | 1682 | 674134 |
| 17 | 1 | 50.9 | 16 | | | 143497 |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial14 for 5530MHz

| Data Sheet for | r FCC Radar | | | 101 33301011 12 | - | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 14 | | VSG F | reqency(MHz): | 5536 |
| Number of Bu | rsts in Trial: | 16 | | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 3 | 99.7 | 15 | 1555.3 | 1353.3 | 332503 |
| 2 | 2 | 80.8 | 15 | 1032.2 | | 514538 |
| 3 | 1 | 63.2 | 15 | | | 697203 |
| 4 | 1 | 60.2 | 15 | | | 130200 |
| 5 | 1 | 52.6 | 15 | | | 311598 |
| 6 | 1 | 56.7 | 15 | | | 493351 |
| 7 | 3 | 89.2 | 15 | 1070.8 | 1547.8 | 671750 |
| 8 | 2 | 73.2 | 15 | 1082.8 | | 107602 |
| 9 | 3 | 92.4 | 15 | 1522.6 | 1077.6 | 288052 |
| 10 | 1 | 63.8 | 15 | | | 470601 |
| 11 | 2 | 72.7 | 15 | 1495.3 | | 651121 |
| 12 | 2 | 66.7 | 15 | 1098.3 | | 85311 |
| 13 | 1 | 51.4 | 15 | | | 266788 |
| 14 | 2 | 75.7 | 15 | 948.3 | | 447563 |
| 15 | 2 | 69.5 | 15 | 1450.5 | | 628623 |
| 16 | 3 | 84.7 | 15 | 1230.3 | 1221.3 | 62779 |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial15 for 5530MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 0000111112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 15 | | VSG F | reqency(MHz): | 5533.2 |
| Number of Bu | rsts in Trial: | | 10 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | $(\mu \text{ sec})$ |
| 1 | 2 | 72.9 | 8 | 1194.1 | | 391332 |
| 2 | 3 | 91.1 | 8 | 1090.9 | 967.9 | 680940 |
| 3 | 3 | 92.5 | 8 | 1080.5 | 1669.5 | 970216 |
| 4 | 1 | 53.1 | 8 | | | 65107 |
| 5 | 2 | 70.4 | 8 | 1036.6 | | 355600 |
| 6 | 3 | 95.2 | 8 | 1611.8 | 1515.8 | 644771 |
| 7 | 1 | 60.2 | 8 | | | 936977 |
| 8 | 2 | 71.8 | 8 | 963.2 | | 29299 |
| 9 | 2 | 68.3 | 8 | 1812.7 | | 319584 |
| 10 | 1 | 58 | 8 | | | 610799 |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial16 for 5530MHz

| Data Sheet for FCC Radar Type 5 | | | | | | | | |
|---------------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|--|
| Trial Number: | | 16 | | VSG F | reqency(MHz): | 5533.2 | | |
| Number of Bu | rsts in Trial: | | 10 | Successful Detection: | | Yes | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | | |
| 1 | 2 | 72.1 | 8 | 1879.9 | | 899637 | | |
| 2 | 2 | 70.4 | 8 | 1115.6 | | 1191192 | | |
| 3 | 2 | 78 | 8 | 1841 | | 283633 | | |
| 4 | 3 | 87.9 | 8 | 1743.1 | 912.1 | 573535 | | |
| 5 | 1 | 62.6 | 8 | | | 865840 | | |
| 6 | 1 | 52.7 | 8 | | | 1156140 | | |
| 7 | 2 | 79.7 | 8 | 1882.3 | | 247878 | | |
| 8 | 3 | 85 | 8 | 1425 | 1156 | 537782 | | |
| 9 | 3 | 93.8 | 8 | 1793.2 | 1217.2 | 827726 | | |
| 10 | 3 | 85.1 | 8 | 1031.9 | 1278.9 | 1118519 | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |

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Radar Type5 Trial17 for 5530MHz

| Data Sheet for | r FCC Radar | | | 101 33301011 12 | - | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 17 | | VSG F | reqency(MHz): | 5538 |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 87.6 | 20 | 1717.4 | 1407.4 | 105547 |
| 2 | 2 | 75.8 | 20 | 1425.2 | | 250609 |
| 3 | 1 | 57.2 | 20 | | | 396590 |
| 4 | 1 | 58.7 | 20 | | | 541462 |
| 5 | 2 | 67.4 | 20 | 963.6 | | 88091 |
| 6 | 1 | 63.5 | 20 | | | 233418 |
| 7 | 3 | 87 | 20 | 1077 | 1649 | 377062 |
| 8 | 1 | 65.6 | 20 | | | 523460 |
| 9 | 3 | 91.9 | 20 | 1897.1 | 1683.1 | 69979 |
| 10 | 3 | 95.8 | 20 | 1828.2 | 1786.2 | 214294 |
| 11 | 3 | 93.7 | 20 | 1745.3 | 1039.3 | 359070 |
| 12 | 1 | 61.3 | 20 | | | 505518 |
| 13 | 1 | 58.2 | 20 | | | 52488 |
| 14 | 2 | 80.4 | 20 | 995.6 | | 197237 |
| 15 | 1 | 60.3 | 20 | | | 342630 |
| 16 | 1 | 62.2 | 20 | | | 488303 |
| 17 | 1 | 65.5 | 20 | | | 34613 |
| 18 | 2 | 80.9 | 20 | 1435.1 | | 179370 |
| 19 | 2 | 80.6 | 20 | 1512.4 | | 323860 |
| 20 | 1 | 54.5 | 20 | | | 470010 |

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Radar Type5 Trial18 for 5530MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 3330101112 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 18 | | VSG F | VSG Freqency(MHz): | |
| Number of Bu | rsts in Trial: | | 8 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 70.6 | 5 | 1666.4 | | 41914 |
| 2 | 3 | 91.4 | 5 | 1425.6 | 1498.6 | 404450 |
| 3 | 3 | 91.9 | 5 | 1049.1 | 1234.1 | 767322 |
| 4 | 3 | 94.7 | 5 | 1745.3 | 1228.3 | 1130146 |
| 5 | 3 | 84.6 | 5 | 1701.4 | 1803.4 | 1491872 |
| 6 | 2 | 68.7 | 5 | 1702.3 | | 360212 |
| 7 | 3 | 95.2 | 5 | 1537.8 | 914.8 | 722556 |
| 8 | 1 | 54.4 | 5 | | | 1087403 |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5_Trial19 for 5530MHz

| Data Sheet fo | r FCC Radar | | _ | 101 0000111112 | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|---------------------------|-----------------------------------------|--|
| Trial Number: | | 19 | | VSG F | VSG Freqency(MHz): 5536.4 | | |
| Number of Bu | rsts in Trial: | 17 | | Successful Detection: | | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | |
| 1 | 1 | 51.2 | 16 | | | 682333 | |
| 2 | 2 | 70 | 16 | 1890 | | 148141 | |
| 3 | 3 | 87.1 | 16 | 1111.9 | 1816.9 | 317843 | |
| 4 | 1 | 66.5 | 16 | | | 490243 | |
| 5 | 2 | 81.9 | 16 | 1748.1 | | 659612 | |
| 6 | 3 | 84.4 | 16 | 1473.6 | 1702.6 | 126814 | |
| 7 | 3 | 97.1 | 16 | 1256.9 | 1115.9 | 297138 | |
| 8 | 3 | 97.1 | 16 | 1501.9 | 1126.9 | 467069 | |
| 9 | 3 | 83.8 | 16 | 1881.2 | 1217.2 | 637118 | |
| 10 | 3 | 83.8 | 16 | 1718.2 | 1867.2 | 105782 | |
| 11 | 3 | 85.7 | 16 | 1259.3 | 1747.3 | 276164 | |
| 12 | 1 | 56.9 | 16 | | | 447838 | |
| 13 | 1 | 58.2 | 16 | | | 618683 | |
| 14 | 3 | 94.6 | 16 | 1016.4 | 1595.4 | 85059 | |
| 15 | 2 | 80 | 16 | 1395 | | 255699 | |
| 16 | 2 | 72.5 | 16 | 1050.5 | | 426145 | |
| 17 | 1 | 64.3 | 16 | | | 597573 | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

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Radar Type5 Trial20 for 5530MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 20 | | VSG F | reqency(MHz): | 5532 |
| Number of Bu | rsts in Trial: | | 8 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 1 | 60.8 | 5 | | | 136752 |
| 2 | 1 | 62.1 | 5 | | | 500258 |
| 3 | 3 | 97.7 | 5 | 1616.3 | 1761.3 | 861553 |
| 4 | 2 | 77.5 | 5 | 1124.5 | | 1226154 |
| 5 | 1 | 50.4 | 5 | | | 92007 |
| 6 | 3 | 87.2 | 5 | 1301.8 | 1083.8 | 454685 |
| 7 | 3 | 98.8 | 5 | 1446.2 | 1342.2 | 817019 |
| 8 | 1 | 54.3 | 5 | | | 1182180 |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
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| 20 | _ | | | | | |

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Radar Type5 Trial21 for 5530MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 33301011 12 | <u>-</u> | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 21 | | VSG F | reqency(MHz): | 5523.2 |
| Number of Bu | rsts in Trial: | | 18 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 89.3 | 17 | 1705.7 | 1183.7 | 20880 |
| 2 | 1 | 64.5 | 17 | | | 182248 |
| 3 | 3 | 96.3 | 17 | 1456.7 | 1686.7 | 341878 |
| 4 | 3 | 84 | 17 | 1675 | 1459 | 502141 |
| 5 | 1 | 62.6 | 17 | | | 1108 |
| 6 | 2 | 74.1 | 17 | 1747.9 | | 161893 |
| 7 | 3 | 98.7 | 17 | 1121.3 | 1005.3 | 322414 |
| 8 | 2 | 68.3 | 17 | 1047.7 | | 484272 |
| 9 | 2 | 82.5 | 17 | 1225.5 | | 644752 |
| 10 | 1 | 64.4 | 17 | | | 142497 |
| 11 | 2 | 71.8 | 17 | 1153.2 | | 303496 |
| 12 | 1 | 58.7 | 17 | | | 464963 |
| 13 | 2 | 77.2 | 17 | 1213.8 | | 624911 |
| 14 | 2 | 79.4 | 17 | 1654.6 | | 122281 |
| 15 | 2 | 73.9 | 17 | 1634.1 | | 283090 |
| 16 | 3 | 83.4 | 17 | 1309.6 | 1851.6 | 443010 |
| 17 | 1 | 63.3 | 17 | | | 606495 |
| 18 | 2 | 78.4 | 17 | 1625.6 | | 102588 |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial22 for 5530MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 22 | | VSG F | VSG Freqency(MHz): 5528 | | |
| Number of Bu | rsts in Trial: | | 8 | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | $(\mu \text{ sec})$ | |
| 1 | 2 | 81.7 | 5 | 988.3 | | 594489 | |
| 2 | 3 | 95.2 | 5 | 1595.8 | 1423.8 | 956241 | |
| 3 | 2 | 73.6 | 5 | 1291.4 | | 1320943 | |
| 4 | 3 | 96.4 | 5 | 941.6 | 953.6 | 186647 | |
| 5 | 2 | 76 | 5 | 1696 | | 549619 | |
| 6 | 1 | 61.4 | 5 | | | 913859 | |
| 7 | 2 | 69.3 | 5 | 1407.7 | | 1275841 | |
| 8 | 2 | 80.3 | 5 | 1306.7 | | 141976 | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
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Radar Type5 Trial23 for 5530MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|----------------------------------------|
| Trial Number: | | 23 | | VSG F | reqency(MHz): | 5522 |
| Number of Bu | rsts in Trial: | | 20 | Succes | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interva |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 73.7 | 20 | 1882.3 | | 201131 |
| 2 | 1 | 56.6 | 20 | | | 347220 |
| 3 | 3 | 97.6 | 20 | 948.4 | 1303.4 | 489894 |
| 4 | 2 | 76.9 | 20 | 1374.1 | | 38809 |
| 5 | 1 | 50.8 | 20 | | | 183989 |
| 6 | 2 | 82.8 | 20 | 1672.2 | | 327977 |
| 7 | 3 | 88.3 | 20 | 1857.7 | 1575.7 | 471382 |
| 8 | 1 | 62.1 | 20 | | | 20997 |
| 9 | 3 | 92.7 | 20 | 1454.3 | 1612.3 | 165208 |
| 10 | 2 | 69.9 | 20 | 1313.1 | | 310575 |
| 11 | 1 | 50.8 | 20 | | | 456505 |
| 12 | 1 | 63.1 | 20 | | | 3113 |
| 13 | 2 | 71.2 | 20 | 1190.8 | | 148078 |
| 14 | 1 | 59.6 | 20 | | | 293503 |
| 15 | 3 | 87.1 | 20 | 1665.9 | 1358.9 | 435927 |
| 16 | 3 | 88.7 | 20 | 1434.3 | 1148.3 | 581491 |
| 17 | 2 | 75.7 | 20 | 1130.3 | | 130019 |
| 18 | 2 | 80.2 | 20 | 994.8 | | 275010 |
| 19 | 1 | 58.1 | 20 | | | 421000 |
| 20 | 1 | 63.8 | 20 | | | 565855 |

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Radar Type5 Trial24 for 5530MHz

| Data Sheet for | r FCC Radar | | | 101 3330101112 | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 24 | | VSG F | reqency(MHz): | 5525.2 |
| Number of Bu | rsts in Trial: | | 13 | Successful Detection: | | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 3 | 87.2 | 12 | 1194.8 | 1439.8 | 172678 |
| 2 | 2 | 81.5 | 12 | 1286.5 | | 396265 |
| 3 | 3 | 88.3 | 12 | 1766.7 | 1405.7 | 617882 |
| 4 | 1 | 64.3 | 12 | | | 843729 |
| 5 | 1 | 64.2 | 12 | | | 145686 |
| 6 | 2 | 72 | 12 | 1752 | | 368568 |
| 7 | 1 | 55.5 | 12 | | | 593039 |
| 8 | 1 | 53.6 | 12 | | | 816541 |
| 9 | 2 | 80.8 | 12 | 1034.2 | | 118021 |
| 10 | 3 | 93 | 12 | 1505 | 1651 | 340336 |
| 11 | 3 | 88.5 | 12 | 1543.5 | 1632.5 | 563217 |
| 12 | 3 | 84.8 | 12 | 971.2 | 1099.2 | 787034 |
| 13 | 1 | 64.6 | 12 | | | 90662 |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial25 for 5530MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 25 | | VSG F | VSG Freqency(MHz): 55 | | |
| Number of Bu | rsts in Trial: | 9 Su | | Succes | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | |
| 1 | 2 | 82.3 | 7 | 1706.7 | | 453486 | |
| 2 | 1 | 50.4 | 7 | | | 777166 | |
| 3 | 3 | 92.1 | 7 | 1227.9 | 1878.9 | 1097070 | |
| 4 | 2 | 70.8 | 7 | 1646.2 | | 91097 | |
| 5 | 1 | 55.5 | 7 | | | 414338 | |
| 6 | 1 | 63.5 | 7 | | | 737249 | |
| 7 | 3 | 89 | 7 | 1592 | 1577 | 1057645 | |
| 8 | 2 | 70.5 | 7 | 1857.5 | | 51362 | |
| 9 | 1 | 65 | 7 | | | 374501 | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
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| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | _ | | | | | | |

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Radar Type5 Trial26 for 5530MHz

| Data Sheet for | r FCC Radar | | <u> </u> | 101 3330101112 | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 26 | | VSG F | VSG Freqency(MHz): 552 | | |
| Number of Bu | rsts in Trial: | | 18 Succe | | sful Detection: | Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | |
| 1 | 3 | 86.8 | 17 | 1496.2 | 917.2 | 347149 | |
| 2 | 1 | 53.9 | 17 | | | 509709 | |
| 3 | 2 | 82.6 | 17 | 1713.4 | | 5797 | |
| 4 | 1 | 50.1 | 17 | | | 167090 | |
| 5 | 1 | 57.2 | 17 | | | 328556 | |
| 6 | 2 | 72.1 | 17 | 1825.9 | | 488346 | |
| 7 | 1 | 58.1 | 17 | | | 651581 | |
| 8 | 3 | 85 | 17 | 1678 | 1752 | 146548 | |
| 9 | 2 | 70.6 | 17 | 1656.4 | | 307913 | |
| 10 | 3 | 95.9 | 17 | 1122.1 | 1174.1 | 468131 | |
| 11 | 1 | 53.3 | 17 | | | 631137 | |
| 12 | 1 | 55.5 | 17 | | | 127380 | |
| 13 | 3 | 93.2 | 17 | 907.8 | 972.8 | 287659 | |
| 14 | 3 | 92.3 | 17 | 1372.7 | 1012.7 | 448127 | |
| 15 | 2 | 68.3 | 17 | 1588.7 | | 610275 | |
| 16 | 2 | 83.2 | 17 | 1396.8 | | 107311 | |
| 17 | 1 | 62.7 | 17 | | | 268650 | |
| 18 | 2 | 78.9 | 17 | 1055.1 | | 429390 | |
| 19 | | | | | | | |
| 20 | | | | | | | |

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Radar Type5 Trial27 for 5530MHz

| Data Sheet for | r FCC Radar | | | 101 3330101112 | - | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 27 | | VSG F | 5526.4 | |
| Number of Bu | rsts in Trial: | | 11 Succe | | sful Detection: | Yes |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 77.3 | 9 | 1548.7 | | 967708 |
| 2 | 3 | 84.7 | 9 | 933.3 | 1899.3 | 143119 |
| 3 | 2 | 81.4 | 9 | 1065.6 | | 407207 |
| 4 | 3 | 99.7 | 9 | 1612.3 | 1785.3 | 669965 |
| 5 | 2 | 81.4 | 9 | 1703.6 | | 934440 |
| 6 | 1 | 66 | 9 | | | 111014 |
| 7 | 3 | 98.5 | 9 | 1180.5 | 1462.5 | 374388 |
| 8 | 3 | 88.9 | 9 | 1787.1 | 1791.1 | 637416 |
| 9 | 1 | 59.2 | 9 | | | 903598 |
| 10 | 3 | 95 | 9 | 1194 | 1508 | 78243 |
| 11 | 2 | 67.9 | 9 | 1347.1 | | 342248 |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
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Radar Type5 Trial28 for 5530MHz

| Data Sheet for | r FCC Radar | Type 5 | | | | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 28 | | VSG F | 5527.2 | |
| Number of Bu | rsts in Trial: | 9 | | Succes | Successful Detection: | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) |
| 1 | 2 | 70.2 | 7 | 1051.8 | | 741321 |
| 2 | 1 | 66.6 | 7 | | | 1065352 |
| 3 | 2 | 69.2 | 7 | 1202.8 | | 56078 |
| 4 | 3 | 93.4 | 7 | 1319.6 | 1848.6 | 378138 |
| 5 | 2 | 72.1 | 7 | 1345.9 | | 701259 |
| 6 | 3 | 94.8 | 7 | 1845.2 | 954.2 | 1022982 |
| 7 | 3 | 84.3 | 7 | 1209.7 | 1367.7 | 16313 |
| 8 | 2 | 81.8 | 7 | 1232.2 | | 339081 |
| 9 | 1 | 64.1 | 7 | | | 662528 |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

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Radar Type5 Trial29 for 5530MHz

| Data Sheet for FCC Radar Type 5 | | | | | | | |
|---------------------------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|--|
| Trial Number: | | 29 | | VSG F | reqency(MHz): | 5527.2 | |
| Number of Bu | rsts in Trial: | | 9 Succe | | ssful Detection: Yes | | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval | |
| | (1-3) | (μ sec) | (MHz) | (μ sec) | (μ sec) | (μ sec) | |
| 1 | 1 | 64.7 | 7 | | | 985215 | |
| 2 | 3 | 83.4 | 7 | 1202.6 | 1248.6 | 1306313 | |
| 3 | 3 | 95.5 | 7 | 1388.5 | 956.5 | 299081 | |
| 4 | 3 | 95.8 | 7 | 1556.2 | 1547.2 | 620941 | |
| 5 | 2 | 72.3 | 7 | 1260.7 | | 944794 | |
| 6 | 3 | 92.7 | 7 | 1285.3 | 1478.3 | 1265869 | |
| 7 | 2 | 81.4 | 7 | 1318.6 | | 259573 | |
| 8 | 1 | 59.1 | 7 | | | 582857 | |
| 9 | 3 | 89.2 | 7 | 1446.8 | 1680.8 | 903605 | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
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Radar Type5 Trial30 for 5530MHz

| Data Sheet for | r FCC Radar | | | 101 33301011 12 | - | |
|-----------------|-------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------------------------------|
| Trial Number: | | 30 | | VSG F | reqency(MHz): | 5522.4 |
| Number of Bu | rsts in Trial: | | 19 | Succes | sful Detection: Yes | |
| Burst (8-20) | Number Pulses per Burst | Pulse Width (50-100) | Chirp Width (5-20) | Pulse 1-to-2 Spacing | Pulse 2-to-3 Spacing | Starting Location Within Interval |
| | (1-3) | (μ sec) | (MHz) | $(\mu \text{ sec})$ | (μ sec) | (μ sec) |
| 1 | 1 | 58.1 | 19 | | | 581502 |
| 2 | 2 | 73.8 | 19 | 1264.2 | | 103807 |
| 3 | 3 | 87.6 | 19 | 1087.4 | 1504.4 | 255951 |
| 4 | 3 | 92.9 | 19 | 1681.1 | 1542.1 | 407340 |
| 5 | 3 | 84.7 | 19 | 1699.3 | 1863.3 | 559611 |
| 6 | 1 | 61.6 | 19 | | | 85254 |
| 7 | 3 | 85.8 | 19 | 981.2 | 1515.2 | 237079 |
| 8 | 3 | 83.7 | 19 | 1366.3 | 1437.3 | 389094 |
| 9 | 3 | 87.1 | 19 | 1754.9 | 1885.9 | 540109 |
| 10 | 2 | 72.6 | 19 | 953.4 | | 66354 |
| 11 | 1 | 66.5 | 19 | | | 219258 |
| 12 | 1 | 51.7 | 19 | | | 372044 |
| 13 | 2 | 68.3 | 19 | 1368.7 | | 523525 |
| 14 | 1 | 62.9 | 19 | | | 47622 |
| 15 | 1 | 63.1 | 19 | | | 200428 |
| 16 | 2 | 67.1 | 19 | 1227.9 | | 352345 |
| 17 | 1 | 50.4 | 19 | | | 506362 |
| 18 | 2 | 79.3 | 19 | 1688.7 | | 28704 |
| 19 | 3 | 84.2 | 19 | 1118.8 | 1119.8 | 180784 |
| 20 | | | | | | |

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Radar Type6 for 5530MHz

Data Sheet for FCC Radar Type 6

| Trial | Pulse Width | PRI | Pulses per Hop | Hopping Rate | Hopping Sequence Length | Successful Detection |
|-------|----------------|----------|----------------------|-----------------|-------------------------------|-------------------------|
| | (μ sec) | (μ sec) | | (kHz) | (msec) | (Yes/No) |
| 1 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 2 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 3 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 4 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 5 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 6 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 7 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 8 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 9 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 10 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 11 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 12 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 13 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 14 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 15 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 16 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 17 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 18 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 19 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 20 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 21 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 22 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 23 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 24 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 25 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 26 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 27 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 28 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 29 | 1 | 333 | 9 | 0.333 | 300 | Yes |
| 30 | 1 | 333 | 9 | 0.333 | 300 | Yes |

~End of Report~

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