# **Radio Test Report**

Report No.: STS2401007W03

Issued for

**Azores Networks LLC** 

2701 Custer Parkway, Suite 706 Richardson, TX 75080, USA

Product Name: WiFi-6 Mesh AP

AZ©RES B@W

**Brand Name:** 

ZOOM

Model Name: WA6M40AP

Series Model(s): N/A

FCC ID: 2BCE2-WA6M40AP

Test Standards: FCC Part15.407

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#### **TEST REPORT**

| Applicant's Name  | Azores Networks LLC       |
|-------------------|---------------------------|
| Applicant o Hanno | 7 120100 1 10tW 011t0 EE0 |

Address ...... 2701 Custer Parkway, Suite 706 Richardson, TX 75080, USA

Manufacturer's Name .....: Azores Networks LLC

Address ...... 2701 Custer Parkway, Suite 706 Richardson, TX 75080, USA

**Product Description** 

Product Name....: WiFi-6 Mesh AP

AZ®RES **B@W** 

Brand Name .....:



Model Name .....: WA6M40AP

Series Model(s) .....: N/A

Test Standards ..... FCC Part 15.407

905462 D02 UNII DFS Compliance Procedures New Rules v02

**Test Procedure** 905462 D03 UNII Clients Without Radar Detection New Rules

v01r02

This device described above has been tested by STS, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Date of Test .....:

Date of receipt of test item ...... 33 Jan. 2024

Date of Issue...... 31 Jan. 2024

Test Result..... Pass

Testing Engineer :

Jann Bu

(Aaron Bu)

Technical Manager :

(Chris Chen)

Authorized Signatory:

Zowy Yorky

(Bovey Yang)



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# **Revision History**

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| Rev. | Issue Date   | Report No.    | Effect Page | Contents      |
|------|--------------|---------------|-------------|---------------|
| 00   | 31 Jan. 2024 | STS2401007W03 | ALL         | Initial Issue |
| 8 ** |              | 1             | 100         | // N*         |

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1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards: KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02.

|                                   | Part 15.407      | 1/3 /   |
|-----------------------------------|------------------|---------|
| Paguiroment                       | Operational Mode | RESULTS |
| Requirement                       | Master           | RESULTS |
| Non-Occupancy Period              | Yes              | Pass    |
| DFS Detection Threshold           | Yes              | Pass    |
| Channel Availability Check Time   | Yes              | Pass    |
| Channel Closing Transmission Time | Yes              | Pass    |
| Channel Move Time                 | Yes              | Pass    |
| U-NII Detection Bandwidth         | Yes              | Pass    |

## 1.1 TEST FACTORY

SHENZHEN STS TEST SERVICES CO., LTD

Add.: 101, Building B, Zhuoke Science Park, No.190 Chongqing Road, ZhanChengShequ, Fuhai

Sub-District, Bao'an District, Shenzhen, Guang Dong, China

FCC test Firm Registration Number: 625569

IC test Firm Registration Number: 12108A

A2LA Certificate No.: 4338.01

### 1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement  $\mathbf{y} \pm \mathbf{U}$ , where expended uncertainty  $\mathbf{U}$  is based on a standard uncertainty multiplied by a coverage factor of  $\mathbf{k=2}$ , providing a level of confidence of approximately  $\mathbf{95}$  %.

| No. | Item                      | Uncertainty |
|-----|---------------------------|-------------|
| 1   | DFS Threshold (conducted) | ±0.755dB    |
| 2   | Temperature               | ±1.059°C    |
| 3   | Humidity                  | ±4.469%     |

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# 2. GENERAL INFORMATION

# 2.1 GENERAL DESCRIPTION OF THE EUT

| Product Name        | WiFi-6 Mesh A               | P  |
|---------------------|-----------------------------|--|
| Brand Name          | AZ®RES B                    | €W   |
| Model Name          | WA6M40AP                    |  |
| Series Model(s)     | N/A                         |  |
| Model Difference    | N/A                         |  |
|                     | The EUT is Wil              | Fi-6 Mesh AP   |
|                     | Operation<br>Frequency:     | 5.3GWLAN: IEEE 802.11a/ n(HT20)/ac(VHT20)/ax(HE20): 5.260GHz-5.320GHz IEEE 802.11 n(HT40)/ac(VHT40)/ax(HE40): 5.270GHz-5.310GHz IEEE 802.11ac(VHT80) /ax(HE80): 5.290GHz IEEE 802.11 ac(VHT160)/ax(HE160): 5.250GHz 5.6G WLAN: IEEE 802.11a/ n(HT20)/ac(VHT20)/ax(HE20): 5.500GHz-5.700GHz IEEE 802.11 n(HT40)/ac(VHT40)/ax(HE40): 5.510GHz-5.670GHz IEEE 802.11ac(VHT80)/ax(HE80): 5.530GHz-5.610GHz IEEE 802.11 ac(VHT160)/ax(HE160): 5.570GHz |
| Product Description |                             | 802.11a(OFDM): BPSK,QPSK,16-QAM,64-QAM 802.11n(OFDM): BPSK,QPSK,16-QAM,64-QAM be: 802.11ac(OFDM): BPSK,QPSK,16-QAM,64-QAM,256-QAM 802.11ax(OFDM, OFDMA): BPSK,QPSK,16-QAM,64-QAM,256-QAM,1024QAM   |
|                     | Number Of                   | Please see Note 2.   |
|                     | Channel  Antenna Gain(Peak) | U-NII-2A: Antenna number: 3 Antenna 1 gain : 2.77dBi Antenna 2 gain : 1.89dBi Antenna 3 gain : 1.89dBi MIMO technology Directional gain=6.96dBi U-NII-2C: Antenna number: 3 Antenna 1 gain : 2.56dBi Antenna 2 gain : 1.68dBi Antenna 3 gain : 1.68dBi MIMO technology Directional gain=6.75dBi  |
|                     |                             | application, features, or specification exhibited in   |
|                     | User's Manual,              | the EUT is considered as an ITE/Computing  |



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|                         | Device. More details of EUT technical specification, please refer to the User's Manual.  |
|-------------------------|--|
| Channel List            | Refer to below   |
| Sub-class               | H01  |
| Rating                  | Input:DC 12V, 1.5A   |
| Adapter                 | Model: TPA259-18120-US<br>Input:100-240V AC,50/60Hz,0.6A<br>output: DC 12 V,1.5A<br>Model: RD1201500-C55-153MG<br>Input: 100-240V AC · 50/60Hz,0.6A<br>Output:DC12V 1.5A |
| Hardware version number | V1.0   |
| Software version number | V1.0.01  |

<sup>1.</sup> For a more detailed features description, please refer to the manufacturer's specifications or the User Manual, the antenna information refer the manufacturer provide report, applicable only to the tested sample identified in the report.

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|         | Channel List for 802.11a/n/ac/ax (20MHz) |         |                    |             |                    |         |                    |
|---------|--|---------|--------------------|-------------|--------------------|---------|--------------------|
| Channel | Frequency<br>(MHz)                       | Channel | Frequency<br>(MHz) | Cha<br>nnel | Frequency<br>(MHz) | Channel | Frequency<br>(MHz) |
| 52      | 5260                                     | 56      | 5280               | 60          | 5300               | 64      | 5320               |
| 100     | 5500                                     | 104     | 5520               | 108         | 5540               | 112     | 5560               |
| 116     | 5580                                     | 120     | 5600               | 124         | 5620               | 128     | 5640               |
| 132     | 5660                                     | 136     | 5680               | 140         | 5700               |         |                    |

|         | Channel List for 802.11n/ac/ax (40 MHz)           |    |      |     |      |                    |      |
|---------|---|----|------|-----|------|--------------------|------|
| Channel | nngil ''' i ingnngil '''' i '''' ''' i ngnngil '' |    |      |     |      | Frequency<br>(MHz) |      |
| 54      | 5270  | 62 | 5310 | 102 | 5510 | 110                | 5550 |
| 134     | 5670  |    |      |     |      |                    | //   |

| Channel List for 802.11ac/ax (80 MHz)  |      |     |      |     |                    |  |  |
|--|------|-----|------|-----|--------------------|--|--|
| Channel   ' '   Channel   ' '       Channel   ' '   Channel   ' '   Channel   ' '   Channel   ' '   Channel   ' '   Channel   ' '   Channel   ' '   Channel   ' '   Channel   ' '   Channel   ' '   Channel   ' '   Channel   ' '   Channel   ' '   Channel   ' '   Channel   Chan |      |     |      |     | Frequency<br>(MHz) |  |  |
| 58   | 5290 | 106 | 5530 | 122 | 5610               |  |  |

| Channel List for 802.11 ac/ax(160 MHz)  |      |     |      |  |                    |  |  |
|---|------|-----|------|--|--------------------|--|--|
| Channel Frequency (MHz) Channel Frequency (MHz) Channel Frequency (MHz) Channel (MHz) |      |     |      |  | Frequency<br>(MHz) |  |  |
| 50  | 5250 | 114 | 5570 |  | -                  |  |  |



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# 3.EQUIPMENT UNDER TEST (EUT) DETAILS

The manufacturer declared values for the EUT operational characteristics that affect DFS are as follows

# Operating Modes (5250 – 5350 MHz, 5470 – 5725 MHz)

| $I \vee I$ | Master   | 1 101/100 |
|------------|----------|-----------|
|            | IVIASIEI | DEVICE    |
|            |          |           |

☐ Client Device (no In Service Monitoring, no Ad-Hoc mode)

Client Device with In-Service Monitoring

# Antenna Gains / EIRP (5250 - 5350 MHz, 5470 - 5725 MHz)

|                                  | 5250 – 5350 MHz | 5470 – 5725 MHz |
|----------------------------------|-----------------|-----------------|
|                                  | ANT 1: 2.77dBi  | ANT 1: 2.56dBi  |
| Antenna Gain                     | ANT 2 :1.89dBi  | ANT 2 :1.68dBi  |
| (dBi)                            | ANT 3: 1.89dBi  | ANT 3: 1.68dBi  |
|                                  | MIMO: 6.96dBi   | MIMO: 6.75dBi   |
| DFS Detection<br>Threshold (dBm) | -6              | 62              |

# Channel Protocol

| $\boxtimes$ | IP Based    |  |
|-------------|-------------|--|
|             | Frame Based |  |
|             | OTHER       |  |

The EUT did not require modifications during testing in order to comply with the requirements of the standard(s) referenced in this test report.

### 2.2 TEST CONDITIONS AND CHANNEL

|                   | Normal Test Conditions |  |  |
|-------------------|------------------------|--|--|
| Temperature       | 0°C – 40°C             |  |  |
| Relative Humidity | 20% - 75%              |  |  |
| Supply Voltage    | AC 120V/60Hz           |  |  |

|                  | Channel List |                      |  |  |
|------------------|--------------|----------------------|--|--|
| Test Mode        | Test Channel | Test Frequency (MHz) |  |  |
| 802.11ax (HE20)  | 60           | 5300                 |  |  |
| 802.11ax (HE20)  | 100          | 5500                 |  |  |
| 802.11ax (HE80)  | 106          | 5530                 |  |  |
| 802.11ax (HE160) | 50           | 5250                 |  |  |

# 2.3 DFS MEASUREMENT INSTRUMENTATION

#### a. RADAR GENERATION SYSTEM



An Agilent PSG is used as the radar-generating source. The integral arbitrary waveform generators are programmed using Agilent's "Pulse Building" software and Elliott custom software to produce the required waveforms, with the capability to produce both unmodulated and modulated (FM Chirp) pulses. Where there are multiple values for a specific radar parameter then the software selects a value at random and, for FCC tests, the software verifies that the resulting waveform is truly unique.

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With the exception of the hopping waveforms required by the FCC's rules (see below), the radar generator is set to a single frequency within the radar detection bandwidth of the EUT.

Frequency hopping radar waveforms are simulated using a time domain model. A randomly hopping sequence algorithm (which uses each channel in the hopping radar's range once in a hopping sequence) generates a hop sequence. A segment of the first 100 elements of the hop sequence are then examined to determine if it contains one or more frequencies within the radar detection bandwidth of the EUT. If it does not then the first element of the segment is discarded and the next frequency in the sequence is added. The process repeats until a valid segment is produced. The radar system is then programmed to produce bursts at time slots coincident with the frequencies within the segment that fall

in the detection bandwidth. The frequency of the generator is stepped in 1 MHz increments across the EUT's detection range.

The radar signal level is verified during testing using a CW signal with the AGC function switched on. Correction factors to account for the fact that pulses are generated with the AGC functions switched off are measured annually and an offset is used to account for this in the software. The generator output is connected to the coupling port of the conducted set-up or to the radar-generating antenna.

#### b. CHANNEL MONITORING SYSTEM

Channel monitoring is achieved using a spectrum analyzer and digital storage oscilloscope. The analyzer is configured in a zero-span mode, center frequency set to the radar waveform's frequency or the center frequency of the EUT's operating channel.

The IF output of the analyzer is connected to one input of the oscilloscope and analyzer. A signal generator output is set to send either the modulating signal directly or a pulse gate with an output pulse co-incident with each radar pulse. This output is connected to a second input on the oscilloscope and the oscilloscope displays both the channel traffic (via the if input) and the radar pulses on its display.

For in service monitoring tests the analyzer sweep time is set to > 20 seconds and the oscilloscope is configured with a data record length of 10 seconds for the short duration and frequency hopping waveforms, 20 seconds for the long duration waveforms. Both instruments are set for a single acquisition sequence. The analyzer is triggered 500ms before the start of the waveform and the oscilloscope is triggered directly by the modulating pulse train. Timing measurements for aggregate channel transmission time and channel move time are made from the oscilloscope data, with the end of the waveform clearly identified by the pulse train on one trace. The analyzer trace data is used to confirm that the last transmission occurred within the 10-second record of the oscilloscope. If necessary the record length of the oscilloscope is expanded to capture the last transmission on the channel prior to the channel move.

Channel availability check time timing plots are made using the analyzer. The analyzer is triggered at start of the EUT's channel availability check and used to verify that the EUT does not transmit when radar is applied during the check time.

The analyzer detector and oscilloscope sampling mode is set to peak detect for all plots.

#### 2.4 EQUIPMENTS LIST FOR ALL TEST ITEMS



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| Kind of<br>Equipment   | Manufacturer  | Type No.         | Serial No.  | Last calibration | Calibrated<br>until |
|------------------------|---------------|------------------|-------------|------------------|---------------------|
| Signal<br>Analyzer     | Agilent       | N9020A           | MY51510623  | 2023.03.01       | 2024.02.28          |
| Signal<br>Generator    | Keysight      | N5182B           | MY57301448  | 2023.09.26       | 2024.09.25          |
| Signal<br>Analyzer     | Agilent       | N9020A           | MY51510623  | 2023.03.01       | 2024.02.28          |
| Power Divider          | eastsheep     | PD-0.5/0.6-2S    | B519        | 2023.03.02       | 2024.03.01          |
| Power Splitter         | MINI-CIRCUITS | ZN2PD-9G         | SF078500430 | 2023.03.02       | 2024.03.01          |
| Attenuator             | Agilent       | 8494B            | DC-18G      | 2023.03.02       | 2024.03.01          |
| Attenuator             | Boyang        | 99899            | DC-18G      | 2023.03.02       | 2024.03.01          |
| Switch control box     | MW            | MW100-RFCB       | N/A         | N/A              | N/A                 |
| Temperature & Humidity | SW-108        | SuWei            | N/A         | 2023.03.03       | 2024.03.02          |
| Test SW                | MW            | MTS 8310_2.0.0.0 |             |                  |                     |



### 3. DFS PARAMETERS

### 3.1 DFS PARAMETERS

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

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

Table 2: Applicability of DFS requirements during normal operation

| Requirement                       | Operational Mode        |                 |
|-----------------------------------|-------------------------|-----------------|
|                                   | Master Device or Client | Client Without  |
|                                   | with Radar Detection    | Radar Detection |
| DFS Detection Threshold           | Yes                     | Not required    |
| Channel Closing Transmission Time | Yes                     | Yes             |
| Channel Move Time                 | Yes                     | Yes             |
| U-NII Detection Bandwidth         | Yes                     | Not required    |

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

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

Table 3: DFS Detection Thresholds for Master Devices and Client Devices With Radar Detection

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

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             |
|                                   | See Note 1.            |
| Channel Closing Transmission Time | 200 milliseconds + an  |
|                                   | aggregate of 60        |
|                                   | milliseconds over      |
|                                   | remaining 10 second    |
|                                   | period.                |
|                                   | See Notes 1 and 2.     |
| U-NII Detection Bandwidth         | Minimum 100% of the U- |
|                                   | NII 99% transmission   |
|                                   | power bandwidth. See   |
|                                   | Note 3.                |

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

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate 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.



Table 5 – Short Pulse Radar Test Waveforms

| Radar<br>Type | Pulse<br>Width<br>(μsec) | PRI<br>(μsec)   | Number of Pulses   | Minimum<br>Percentage of<br>Successful<br>Detection | Minimum<br>Number<br>of<br>Trials |
|---------------|--------------------------|---|--|---|-----------------------------------|
| 0             | 1                        | 1428  | 18   | See Note 1  | See Note<br>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\{ \frac{1}{360} \right\}. $ $ \left\{ \frac{19 \cdot 10^6}{\text{PRI}_{\mu \text{sec}}} \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                                |
|               | Radar Types              |   | 16 4 14 4 1  | 80%   | 120                               |

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

Table 5a - Pulse Repetition Intervals Values for Test A

| Pulse Repetition<br>Frequency<br>Number | Pulse Repetition Frequency<br>(Pulses Per Second) | Pulse Repetition<br>Interval<br>(Microseconds) |  |
|---|---|--|--|
| 1                                       | 1930.5  | 518  |  |
| 2                                       | 1858.7  | 538  |  |
| 3                                       | 1792.1  | 558  |  |
| 4                                       | 1730.1  | 578  |  |
| 5                                       | 1672.2  | 598  |  |
| 6                                       | 1618.1  | 618  |  |
| 7                                       | 1567.4  | 638  |  |
| 8                                       | 1519.8  | 658  |  |
| 9                                       | 1474.9  | 678  |  |
| 10                                      | 1432.7  | 698  |  |
| 11                                      | 1392.8  | 718  |  |
| 12                                      | 1355  | 738  |  |
| 13                                      | 1319.3  | 758  |  |
| 14                                      | 1285.3  | 778  |  |
| 15                                      | 1253.1  | 798  |  |
| 16                                      | 1222.5  | 818  |  |
| 17                                      | 1193.3  | 838  |  |
| 18                                      | 1165.6  | 858  |  |
| 19                                      | 1139  | 878  |  |
| 20                                      | 1113.6  | 898  |  |
| 21                                      | 1089.3  | 918  |  |
| 22                                      | 1066.1  | 938  |  |
| 23                                      | 326.2   | 3066   |  |

The aggregate is the average of the percentage of successful detections of Short Pulse Radar Types 1-4. For example, the following table indicates how to compute the aggregate of percentage of successful detections.

| or oddocoordi dotcotiono | •                      |                      |                    |
|--------------------------|------------------------|----------------------|--------------------|
| Radar Type               | Number of Trials       | Number of Successful | Minimum Percentage |
|                          |                        | Detections           | of Successful      |
|                          |                        |                      | Detection          |
| 1                        | 35                     | 29                   | 82.9%              |
| 2                        | 30                     | 18                   | 60%                |
| 3                        | 30                     | 27                   | 90%                |
| 4                        | 50                     | 44                   | 88%                |
| Aggregate (82.9% + 60    | 0% + 90% + 88%/4 = 80. | 2%                   |                    |

# Long Pulse Radar Test Waveform

Table 6 - Long Pulse Radar Test Waveform

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

Figure 1 provides a graphical representation of the Long Pulse Radar Test Waveform.

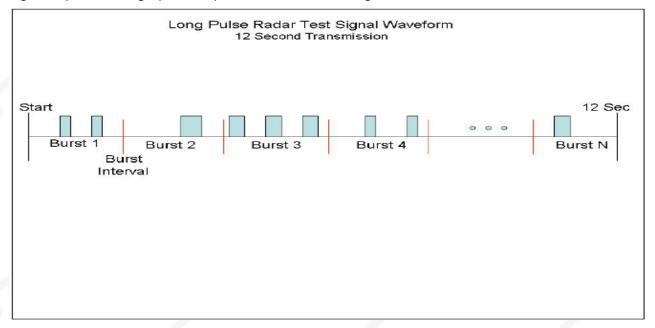


Table 7 – Frequency Hopping Radar Test Waveform

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



#### 3.2 DFS -TEST

### 3.2.1 DFS MEASUREMENT METHODS

#### a. DFS - CHANNEL CLOSING TRANSMISSION TIME AND CHANNEL MOVE TIME

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. 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.

#### b. DFS – CHANNEL NON-OCCUPANCY AND VERIFICATION OF PASSIVE SCANNING

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.

### c. CHANNEL AVAILABILITY CHECK TIME

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.

#### d. CONTROL (TPC)

Compliance with the transmit power control requirements for devices is demonstrated through measurements showing multiple power levels and manufacturer statements explaining how the power control is implemented.

#### e. DETECTION PROBABILITY / SUCCESS RATE

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. Minimum 100% of the U-NII 99% transmission power bandwidth.

#### f. NON- OCCUPANCY PERIOD

During the 30 minutes observation time, UUT did not make any transmissions on a channel after a radar signal was detected on that channel by either the Channel Availability Check or the In-Service Monitoring



#### 3.2.2 DFS CONDUCTION TEST METHOD

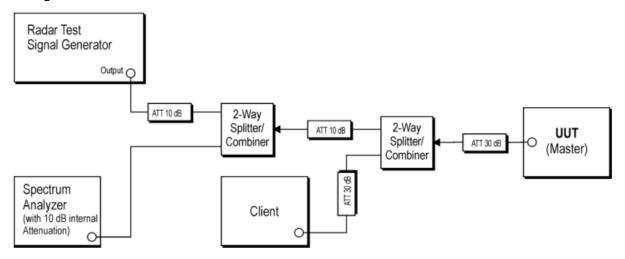
a. The signal level of the simulated waveform is set to a reference level equal to the threshold level (plus 1dB if testing against FCC requirements). Lower levels may also be applied on request of the manufacturer.

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The signal level is verified by measuring the CW signal level at the coupling point to the RDD antenna port. The radar signal level is calculated from the measured level, R (dBm) and the lowest gain antenna assembly intended for use with the RDD

If both master and client devices have radar detection capability then the radar level at the non RDD is verified to be at least 20dB below the threshold level to ensure that any responses are due to the RDD detecting radar.

The antenna connected to the channel monitoring subsystem is positioned to allow both master and client transmissions to be observed, with the level of the EUT's transmissions between 6 and 10dB higher than those from the other device.



b. Set-up B is a set-up whereby the UUT is an RLAN device operating in slave mode, with or without Radar Interference Detection function. This set-up also contains an RLAN device operating in master mode. The radar test signals are injected into the master device. The UUT (slave device) is associated with the master device. Figure 5 shows an example for Set-up B. The set-up used shall be documented in the test report.

Channel loading mode:

EUT connects to the router through DFS setup, then controls and switches the EUT channel on the router background page.



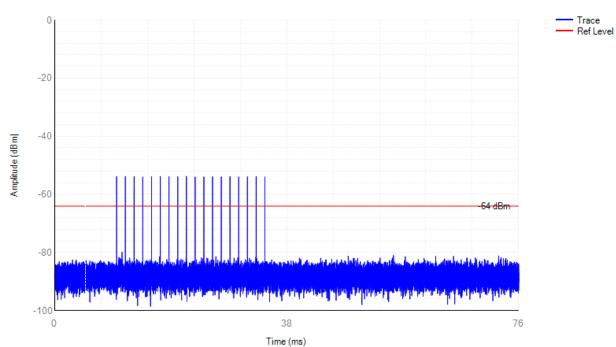
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# 3.2.3 DFS Test Data

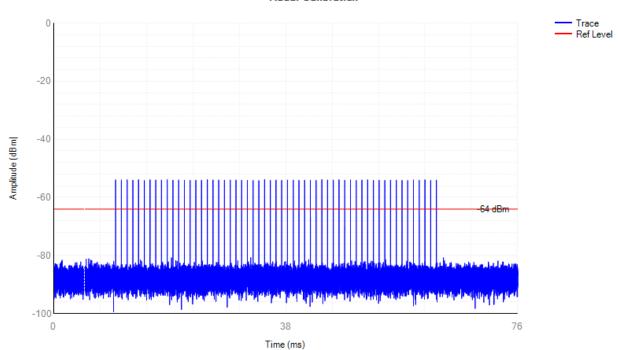
# Radar Waveform Calibration Test Result

# Radar Type 0





Radar Type 1 (PRI=918us and the number of pulses=58)

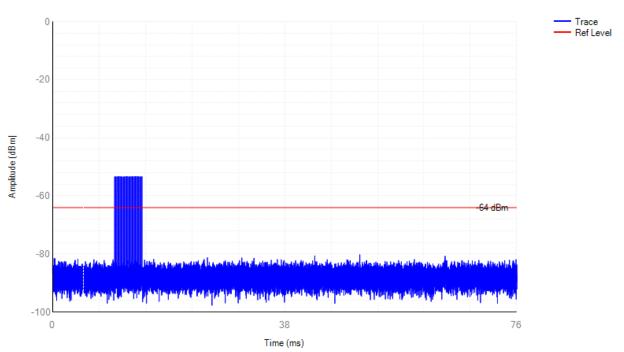




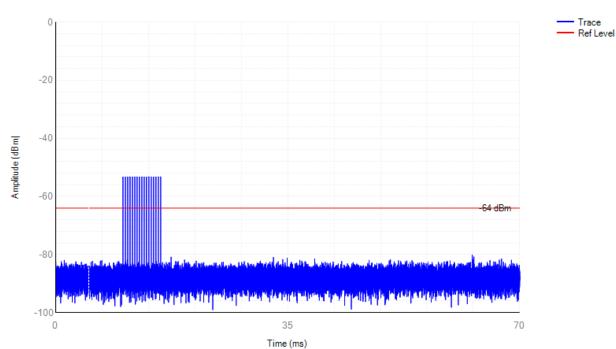
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Radar Type 2

#### Radar Calibration



# Radar Type 3

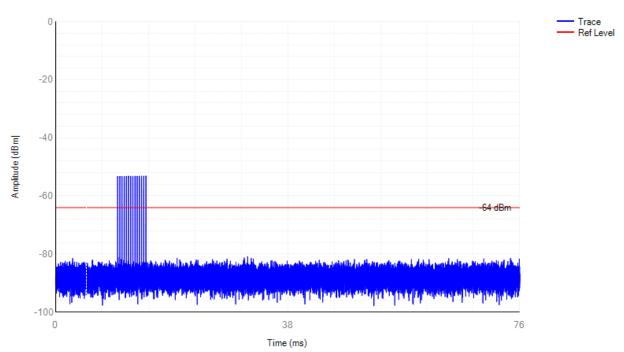




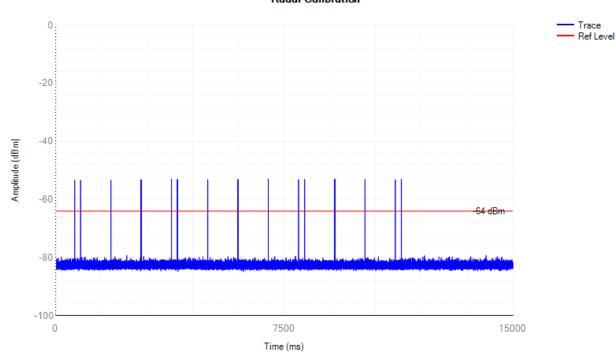
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Radar Type 4

#### Radar Calibration



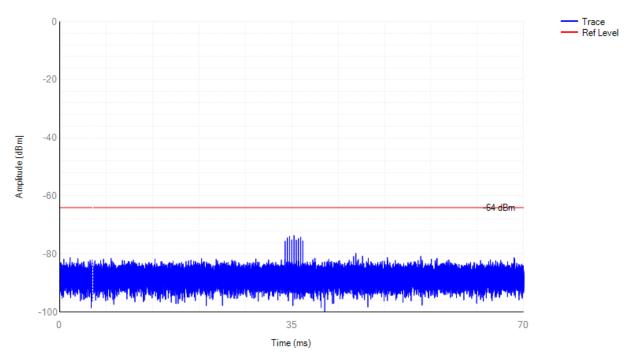
# Radar Type 5





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# Radar Type 6





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| Test Mode      | Test Frequency        | Packet Ratio      | Requirement ratio | Test Result |
|----------------|-----------------------|-------------------|-------------------|-------------|
| 802.11ax-HE20  | 5300 MHz              | 18.19%            | ≥17%              | Pass        |
| 802.11ax-HE20  | 5500 MHz              | 22.84%            | ≥17%              | Pass        |
| 802.11ax-HE80  | 5530 MHz              | 18.52%            | ≥17%              | Pass        |
| 802.11ax-HE160 | 5250 MHz              | 29.87%            | ≥17%              | Pass        |
| Note: F        | Packet Ratio = Time O | n / (Time On + Of | f Time)           |             |

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# **UNII Detection Bandwidth Test Result**

| Detection Bandwidth Test Transmission |           |          |          |     |                               |      |                        |        |     |       |                           |  |  |
|---------------------------------------|-----------|----------|----------|-----|-------------------------------|------|------------------------|--------|-----|-------|---------------------------|--|--|
| EUT Frequency:                        |           |          |          |     | 802.11ax-HE20 mode - 5300 MHz |      |                        |        |     |       |                           |  |  |
| Test Radar Type                       |           |          |          |     | <u></u>                       | IUX  |                        | Type 0 |     |       |                           |  |  |
| Detection Bandwic                     |           |          |          |     |                               |      |                        |        |     |       | 20MHz                     |  |  |
| Detection Bandwidth Mi                |           | imi      | <u> </u> |     |                               |      |                        |        |     |       | 9918 MHz                  |  |  |
| Test Result:                          | · · · · · | -11 1 11 |          |     |                               |      |                        |        |     | 10.0  | Pass                      |  |  |
|                                       |           |          | DE       | S D | oto                           | ctio | n Tr                   | iale   | (1- | -Deta | ection, 0 = No Detection) |  |  |
| Radar Frequency<br>(MHz)              | 1         | 2        | 3        | 4   | 5                             | 6    | 7                      | 8      | 9   | 10    | Detection Rate(%)         |  |  |
| 5290 FL                               | 1         | 1        | 1        | 1   | 1                             | 1    | 1                      | 1      | 1   | 1     | 100%                      |  |  |
| 5291                                  | 1         | 1        | 1        | 1   | 1                             | 1    | 1                      | 1      | 1   | 1     | 100%                      |  |  |
| 5292                                  | 1         | 1        | 1        | 1   | 1                             | 1    | 1                      | 1      | 1   | 1     | 100%                      |  |  |
| 5293                                  |           |          |          |     |                               |      | 1 1 1 1 1 1 1 1 1 100% |        |     |       |                           |  |  |
| 5294                                  | 1         | 1        | 1        | 1   | 1                             | 1    | 1                      | 1      | 1   | 1     | 100%                      |  |  |
| 5295                                  | 1         | 1        | 1        | 1   | 1                             | 1    | 1                      | 1      | 1   | 1     | 100%                      |  |  |
| 5296                                  | 1         | 1        | 1        | 1   | 1                             | 1    | 1                      | 1      | 1.  | 1     | 100%                      |  |  |
| 5300                                  | 1         | 1        | 1        | 1   | 1                             | 1    | 1                      | 1      | 1   | 1     | 100%                      |  |  |
| 5301                                  | 1         | 1        | 1        | 1   | 1                             | 1    | 1                      | 1      | 1   | 1     | 100%                      |  |  |
| 5302                                  | 1         | 1        | 1        | 1   | 1                             | 1    | 1                      | 1      | 1   | 1     | 100%                      |  |  |
| 5303                                  | 1         | 1        | 1        | 1   | 1                             | 1    | 1                      | 1      | 1   | 1     | 100%                      |  |  |
| 5304                                  | 1         | 1        | 1        | 1   | 1                             | 1    | 1                      | 1      | 1   | 1     | 100%                      |  |  |
| 5305                                  | 1         | 1        | 1        | 1   | 1                             | 1    | 1                      | 1      | 1   | 1     | 100%                      |  |  |
| 5306                                  | 1         | 1        | 1        | 1   | 1                             | 1    | 1                      | 1      | 1   | 1     | 100%                      |  |  |
| 5310 FH                               | 1         | 1        | 1        | 1   | 1                             | 1    | 1                      | 1      | 1   | 1     | 100%                      |  |  |

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5300MHz.

Note 2: Detection Bandwidth = FH - FL

Note 3: Detection Bandwidth Min. Limit = 100% of the U-NII 99% power bandwidth

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| Detection Bandwidth Test Transmission |      |      |    |                             |                               |      |      |      |        |       |                           |  |  |
|---------------------------------------|------|------|----|-----------------------------|-------------------------------|------|------|------|--------|-------|---------------------------|--|--|
|                                       | etec | tion | Ba | Bandwidth Test Transmission |                               |      |      |      |        |       |                           |  |  |
| EUT Frequency                         | :    |      |    |                             | 802.11ax-HE20 mode - 5500 MHz |      |      |      |        |       |                           |  |  |
| Test Radar Type                       |      |      |    |                             |                               |      |      | •    | Type 0 |       |                           |  |  |
| Detection Bandwic                     | lth: |      |    |                             |                               |      |      |      |        | 2     | 20 MHz                    |  |  |
| Detection Bandwidth Mi                | n. L | imi  | t: |                             |                               |      |      |      |        | 19.0  | 0228 MHz                  |  |  |
| Test Result:                          |      |      |    |                             |                               |      |      |      |        |       | Pass                      |  |  |
| Radar Frequency                       |      |      | DF | S D                         | ete                           | ctio | n Tr | ials | (1=    | =Dete | ection, 0 = No Detection) |  |  |
| (MHz)                                 | 1    | 2    | 3  | 4                           | 5                             | 6    | 7    | 8    | 9      | 10    | Detection Rate(%)         |  |  |
| 5490 FL                               | 1    | 1    | 1  | 1                           | 1                             | 1    | 1    | 1    | 1      | 1     | 100%                      |  |  |
| 5491                                  | 1    | 1    | 1  | 1                           | 1                             | 1    | 1    | 1    | 1      | 1     | 100%                      |  |  |
| 5492                                  | 1    | 1    | 1  | 1                           | 1                             | 1    | 1    | 1    | 1      | 1     | 100%                      |  |  |
| 5493                                  | 1    | 1    | 1  | 1                           | 1                             | 1    | 1    | 1    | 1      | 1     | 100%                      |  |  |
| 5494                                  | 1    | 1    | 1  | 1                           | 1                             | 1    | 1    | 1    | 1      | 1     | 100%                      |  |  |
| 5495                                  | 1    | 1    | 1  | 1                           | 1                             | 1    | 1    | 1    | 1      | 1     | 100%                      |  |  |
| 5496                                  | 1    | 1    | 1  | 1                           | 1                             | 1    | 1    | 1    | 1      | 1     | 100%                      |  |  |
| 5500                                  | 1    | 1    | 1  | 1                           | 1                             | 1    | 1    | 1    | 1      | 1     | 100%                      |  |  |
| 5504                                  | 1    | 1    | 1  | 1                           | 1                             | 1    | 1    | 1    | 1      | 1     | 100%                      |  |  |
| 5505                                  | 1    | 1    | 1  | 1                           | 1                             | 1    | 1    | 1    | 1      | 1     | 100%                      |  |  |
| 5506                                  | 1    | 1    | 1  | 1                           | 1                             | 1    | 1    | 1    | 1      | 1     | 100%                      |  |  |
| 5507                                  | 1    | 1    | 1  | 1                           | 1                             | 1    | 1    | 1    | 1      | 1     | 100%                      |  |  |
| 5508                                  | 1    | 1    | 1  | 1                           | 1                             | 1    | 1    | 1    | 1      | 1     | 100%                      |  |  |
| 5509                                  | 1    | 1    | 1  | 1                           | 1                             | 1    | 1    | 1    | 1      | 1     | 100%                      |  |  |
| 5510 FH                               | 1    | 1    | 1  | 1                           | 1                             | 1    | 1    | 1    | 1      | 1     | 100%                      |  |  |

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5500MHz.

Note 2: Detection Bandwidth = FH - FL

Note 3: Detection Bandwidth Min. Limit = 100% of the U-NII 99% power bandwidth

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|                        | De   | etec | tion | Ва  | Bandwidth Test Transmission   |      |      |      |     |        |                           |  |
|------------------------|------|------|------|-----|-------------------------------|------|------|------|-----|--------|---------------------------|--|
| EUT Frequency          |      |      |      |     | 802.11ax-HE80 mode - 5530 MHz |      |      |      |     |        |                           |  |
| Test Radar Type        |      |      |      |     | Type 0                        |      |      |      |     |        |                           |  |
| Detection Bandwic      |      |      |      |     |                               |      |      |      | 3   | 30 MHz |                           |  |
| Detection Bandwidth Mi | n. L | imi  | t:   |     | 77.5237MHz                    |      |      |      |     |        |                           |  |
| Test Result:           |      |      |      |     |                               |      |      |      |     |        | Pass                      |  |
| Radar Frequency        |      |      | DF   | S D | ete                           | ctio | n Tr | ials | (1= | -Dete  | ection, 0 = No Detection) |  |
| (MHz)                  | 1    | 2    | 3    | 4   | 5                             | 6    | 7    | 8    | 9   | 10     | Detection Rate(%)         |  |
| 5490 FL                | 1    | 1    | 1    | 1   | 1                             | 1    | 1    | 1    | 1   | 1      | 100%                      |  |
| 5491                   | 1    | 1    | 1    | 1   | 1                             | 1    | 1    | 1    | 1   | 1      | 100%                      |  |
| 5492                   | 1    | 1    | 1    | 1   | 1                             | 1    | 1    | 1    | 1   | 1      | 100%                      |  |
| 5493                   | 1    | 1    | 1    | 1   | 1                             | 1    | 1    | 1    | 1   | 1      | 100%                      |  |
| 5494                   | 1    | 1    | 1    | 1   | 1                             | 1    | 1    | 1    | 1   | 1      | 100%                      |  |
| 5500                   | 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%                      |  |
| 5566                   | 1    | 1    | 1    | 1   | 1                             | 1    | 1    | 1    | 1.  | 1      | 100%                      |  |
| 5567                   | 1    | 1    | 1    | 1   | 1                             | 1    | 1    | 1    | 1   | 1      | 100%                      |  |
| 5568                   | 1    | 1    | 1    | 1   | 1                             | 1    | 1    | 1    | 1   | 1      | 100%                      |  |
| 5569                   | 1    | 1    | 1    | 1   | 1                             | 1    | 1    | 1    | 1   | 1      | 100%                      |  |
| 5570 FH                | 1    | 1    | 1    | 1   | 1                             | 1    | 1    | 1    | 1   | 1      | 100%                      |  |

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5530MHz.

Note 2: Detection Bandwidth = FH - FL

Note 3: Detection Bandwidth Min. Limit = 100% of the U-NII 99% power bandwidth



|                        | etec  | tion | Ва                             | Bandwidth Test Transmission                      |             |   |    |                   |   |   |      |  |  |
|------------------------|-------|------|--------------------------------|--|-------------|---|----|-------------------|---|---|------|--|--|
| EUT Frequency          |       |      | 802.11ax-HE160 mode - 5250 MHz |  |             |   |    |                   |   |   |      |  |  |
| Test Radar Type        | :     |      |                                |  | Type 0      |   |    |                   |   |   |      |  |  |
| Detection Bandwic      | th:   |      |                                |  | 160 MHz     |   |    |                   |   |   |      |  |  |
| Detection Bandwidth Mi | in. L | imi  | t:                             |  | 155.3983MHz |   |    |                   |   |   |      |  |  |
| Test Result:           |       |      |                                | Pass   |             |   |    |                   |   |   |      |  |  |
| Radar Frequency        |       | DF   | S D                            | Detection Trials (1=Detection, 0 = No Detection) |             |   |    |                   |   |   |      |  |  |
| (MHz)                  | 4     | 5    | 6                              | 7  | 8           | 9 | 10 | Detection Rate(%) |   |   |      |  |  |
| 5170 FL                | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5171                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5172                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5173                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5174                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5175                   | 1     | 1    | 1.                             | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5180                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5185                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5190                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5195                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5200                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5205                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5210                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5215                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5220                   |       |      |                                |  |             | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5225                   |       |      |                                |  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5230                   |       |      |                                |  |             |   | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5235                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5240                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5245                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5246                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5247                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5248                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5249                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5250                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5251                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5252                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5253                   | 1     | 1    | 1                              | 1  | 1           | 1 | 1  | 1                 | 1 | 1 | 100% |  |  |
| 5254                   | 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% |  |  |



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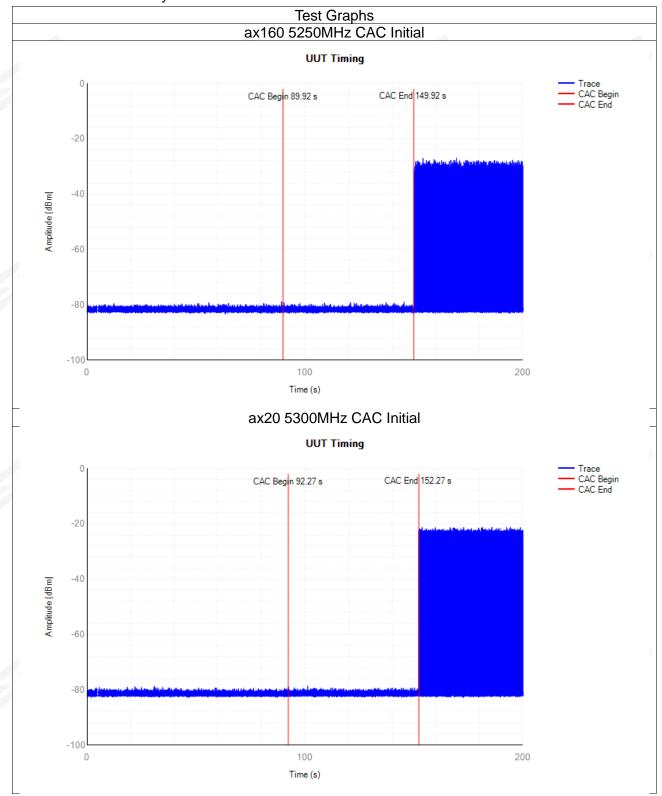
| 5325    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100% |
|---------|---|---|---|---|---|---|---|---|---|---|------|
| 5326    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100% |
| 5327    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100% |
| 5328    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100% |
| 5329    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100% |
| 5330 FH | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 90%  |

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5250MHz. Note 2: Detection Bandwidth = FH - FL

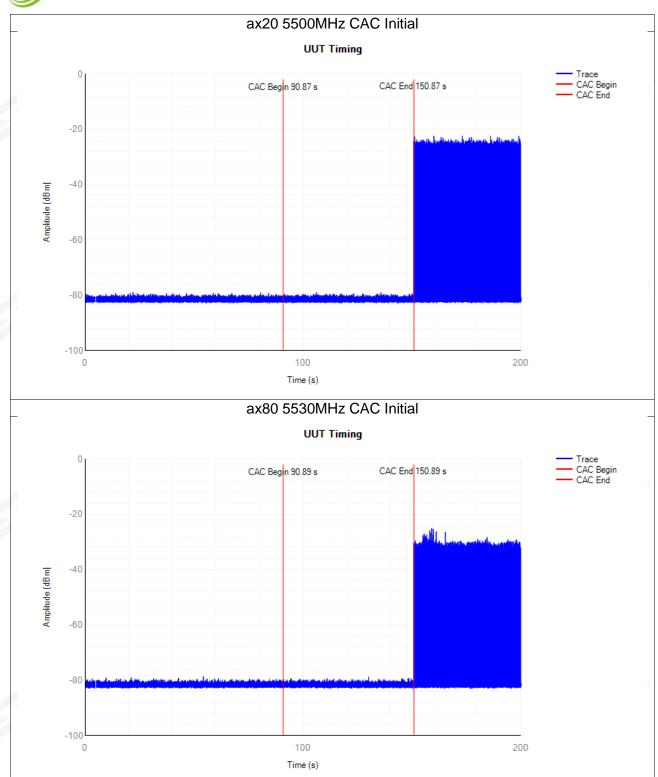
Note 3: Detection Bandwidth Min. Limit=(100% of the U-NII 99% power bandwidth)/2

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Initial Channel Availability Check Time Test Result

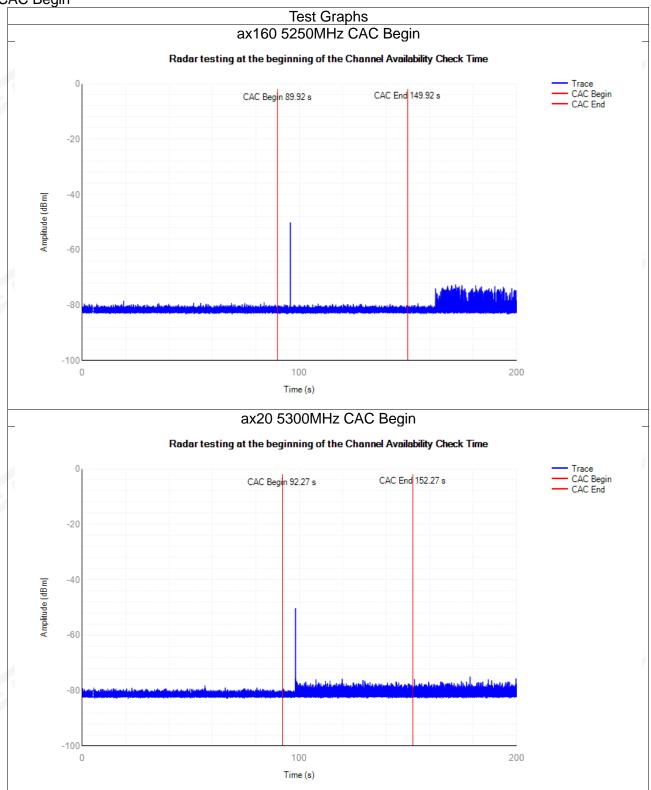


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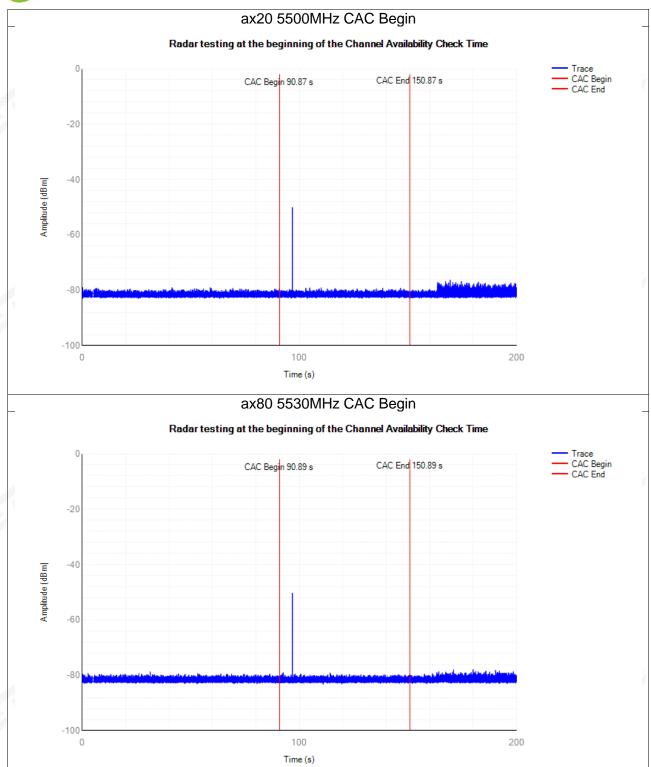


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**CAC Begin** 

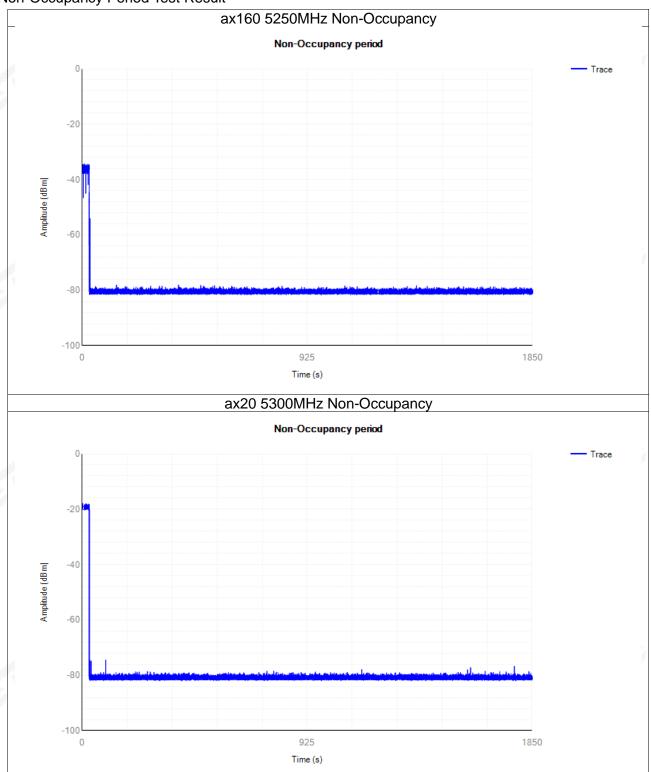


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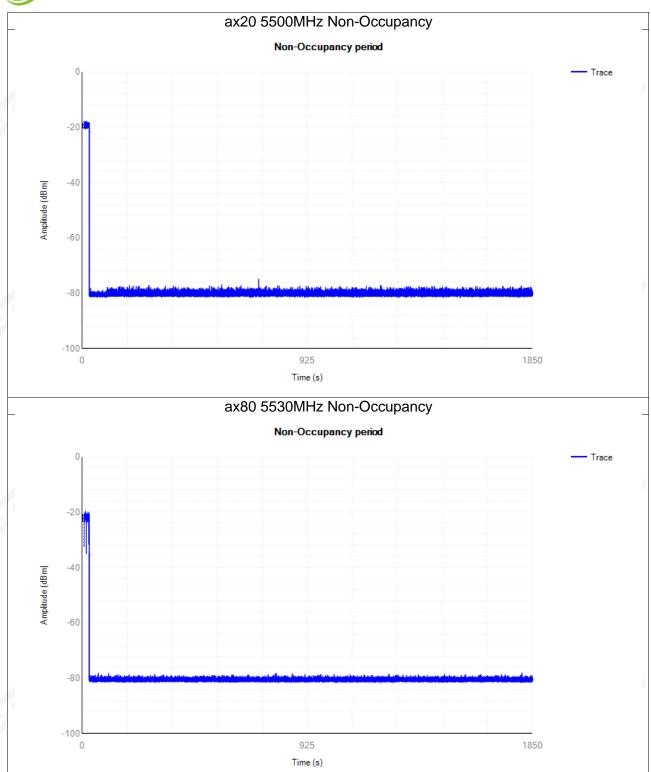


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# Non-Occupancy Period Test Result

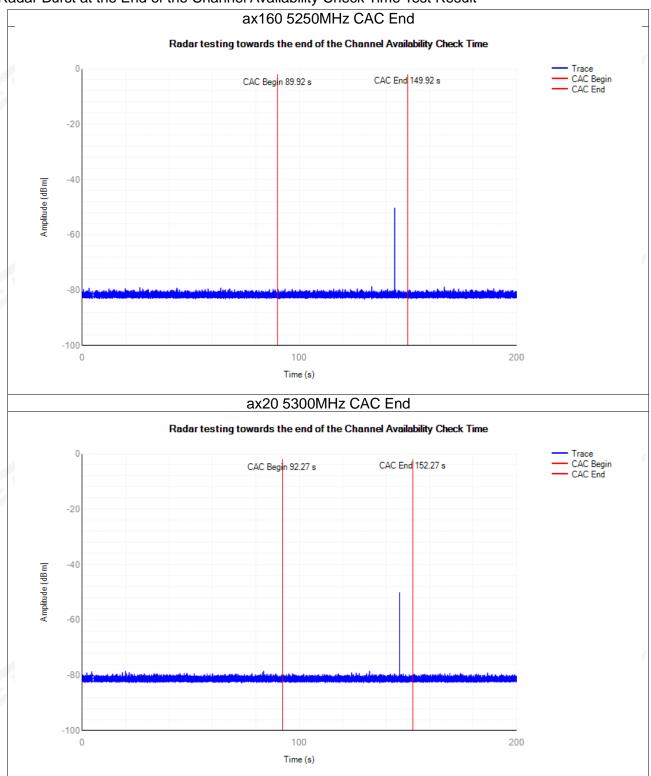


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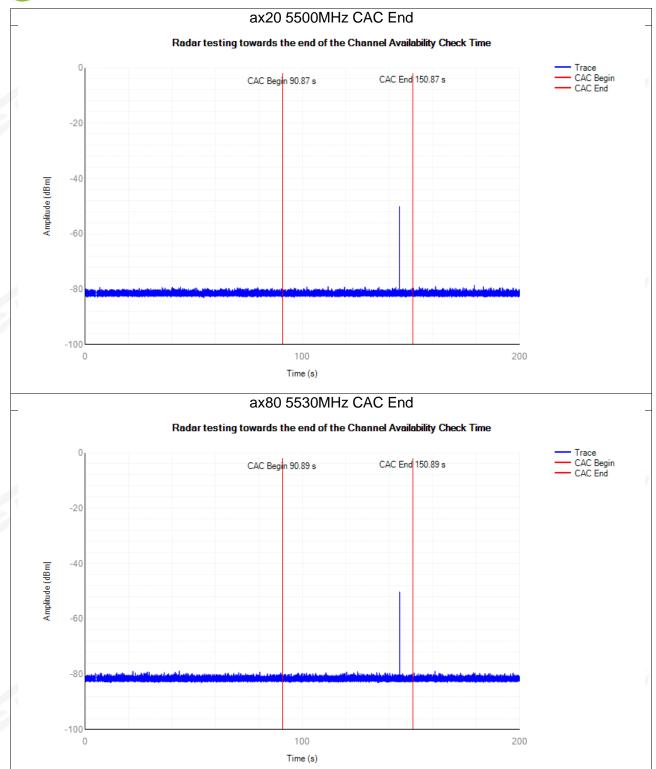


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# Radar Burst at the End of the Channel Availability Check Time Test Result



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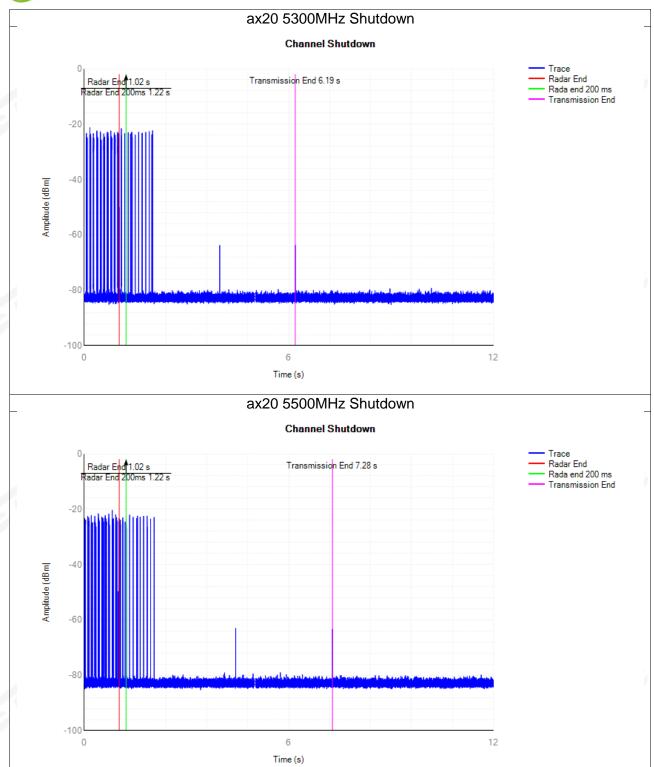
ion Time Test Result

| Mode  | Frequen<br>cy<br>(MHz) | Chann<br>el<br>Move<br>Time<br>(s) | Limit<br>Chann<br>el<br>Move<br>Time<br>(s) | Close<br>Transmissi<br>on Time (s) | Limit Close<br>Transmissi<br>on Time (s) | Close<br>Transmissi<br>on Time<br>after<br>200ms(s) | Limit Close<br>Transmissi<br>on Time<br>after 200ms<br>(s) | Verdi<br>ct |
|-------|------------------------|------------------------------------|---|------------------------------------|--|---|--|-------------|
| ax160 | 5250                   | 0.9513                             | <=10  | 0.0164                             | <=0.26                                   | 0.0128  | <=0.06   | Pass        |
| ax20  | 5300                   | 5.1629                             | <=10  | 0.0164                             | <=0.26                                   | 0.0128  | <=0.06   | Pass        |
| ax20  | 5500                   | 6.2549                             | <=10  | 0.0184                             | <=0.26                                   | 0.012   | <=0.06   | Pass        |
| ax80  | 5530                   | 1.0385                             | <=10  | 0.0624                             | <=0.26                                   | 0.0132  | <=0.06   | Pass        |

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

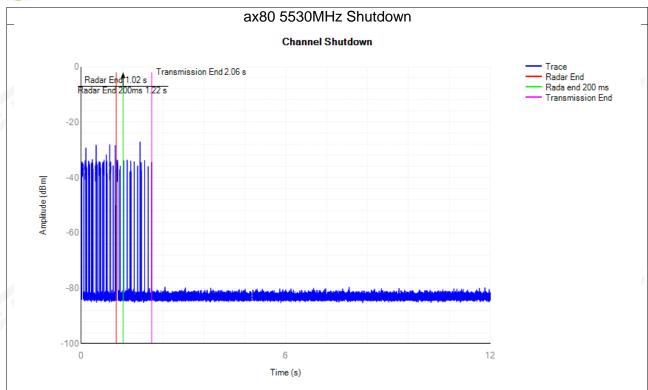


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#### Statistical Performance Check Test Result

|                          | Radar                  | Statistical Performance               | e Check                                    |       |         |  |  |  |  |
|--------------------------|------------------------|---------------------------------------|--|-------|---------|--|--|--|--|
| 802.11ax-HE20 - 5300 MHz |                        |                                       |  |       |         |  |  |  |  |
| Radar Type               | Number of Trials       | Number of<br>Successful<br>Detections | Minimum Percentage of Successful Detection | Limit | Results |  |  |  |  |
| 1                        | 30                     | 27                                    | 90.00%                                     | ≥60%  | Pass    |  |  |  |  |
| 2                        | 30                     | 28                                    | 93.33%                                     | ≥60%  | Pass    |  |  |  |  |
| 3                        | 30                     | 26                                    | 86.67%                                     | ≥60%  | Pass    |  |  |  |  |
| 4                        | 30                     | 25                                    | 83.33%                                     | ≥60%  | Pass    |  |  |  |  |
| Aggregate                | 120                    | 88.33                                 | 3%   | ≥80%  | Pass    |  |  |  |  |
| 5                        | 30                     | 27                                    | 90.00%                                     | ≥80%  | Pass    |  |  |  |  |
| 6                        | 30                     | 26                                    | 86.67%                                     | ≥70%  | Pass    |  |  |  |  |
| Note: Aggregat           | te (Radar Types 1-4) = | (Pd1+Pd2+Pd3+Pd4)                     | )/4  |       |         |  |  |  |  |

|               | Radar                    | Statistical Performance               | ce Check                                   |       | Radar Statistical Performance Check |  |  |  |  |  |  |  |  |  |
|---------------|--------------------------|---------------------------------------|--|-------|-------------------------------------|--|--|--|--|--|--|--|--|--|
|               | 802.11ax-HE20 - 5500 MHz |                                       |  |       |                                     |  |  |  |  |  |  |  |  |  |
| Radar Type    | Number of Trials         | Number of<br>Successful<br>Detections | Minimum Percentage of Successful Detection | Limit | Results                             |  |  |  |  |  |  |  |  |  |
| 1             | 30                       | 27                                    | 90.00%                                     | ≥60%  | Pass                                |  |  |  |  |  |  |  |  |  |
| 2             | 30                       | 27                                    | 90.00% ≥60%                                |       | Pass                                |  |  |  |  |  |  |  |  |  |
| 3             | 30                       | 28                                    | 93.33%                                     | ≥60%  | Pass                                |  |  |  |  |  |  |  |  |  |
| 4             | 30                       | 26                                    | 86.67%                                     | ≥60%  | Pass                                |  |  |  |  |  |  |  |  |  |
| Aggregate     | 120                      | 90.00                                 | %  | ≥80%  | Pass                                |  |  |  |  |  |  |  |  |  |
| 5             | 30                       | 24                                    | 80.00%                                     | ≥80%  | Pass                                |  |  |  |  |  |  |  |  |  |
| 6             | 30                       | 22                                    | 73.33%                                     | ≥70%  | Pass                                |  |  |  |  |  |  |  |  |  |
| Note: Aggrega | te (Radar Types 1-4) =   | (Pd1+Pd2+Pd3+Pd4)                     | /4   | •     |                                     |  |  |  |  |  |  |  |  |  |



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|                | Radar                    | Statistical Performance         | e Check |       |         |  |  |  |  |  |
|----------------|--------------------------|---------------------------------|---------|-------|---------|--|--|--|--|--|
|                | 802.11ax-HE80 - 5530 MHz |                                 |         |       |         |  |  |  |  |  |
| Radar Type     | Number of Trials         | Number of Successful Detections |         | Limit | Results |  |  |  |  |  |
| 1              | 30                       | 26                              | 86.67%  | ≥60%  | Pass    |  |  |  |  |  |
| 2              | 30                       | 27                              | 90.00%  | ≥60%  | Pass    |  |  |  |  |  |
| 3              | 30                       | 27                              | 90.00%  | ≥60%  | Pass    |  |  |  |  |  |
| 4              | 30                       | 25                              | 83.33%  | ≥60%  | Pass    |  |  |  |  |  |
| Aggregate      | 120                      | 87.50%                          | ,<br>0  | ≥80%  | Pass    |  |  |  |  |  |
| 5              | 30                       | 23                              | 76.67%  | ≥80%  | Pass    |  |  |  |  |  |
| 6              | 30                       | 24                              | 80.00%  | ≥70%  | Pass    |  |  |  |  |  |
| Note: Aggregat | te (Radar Types 1-4) =   | (Pd1+Pd2+Pd3+Pd4)               | /4      |       | 8       |  |  |  |  |  |

|                | Radar                  | Statistical Performance               | e Check                                    |       |          |
|----------------|------------------------|---------------------------------------|--|-------|----------|
|                | 80                     | 2.11ax-HE160 - 5250                   | MHz  |       |          |
| Radar Type     | Number of Trials       | Number of<br>Successful<br>Detections | Minimum Percentage of Successful Detection | Limit | Results  |
| 1              | 30                     | 25                                    | 83.33%                                     | ≥60%  | Pass     |
| 2              | 30                     | 26                                    | 86.67%                                     | ≥60%  | Pass     |
| 3              | 30                     | 24                                    | 80.00%                                     | ≥60%  | 60% Pass |
| 4              | 30                     | 26                                    | 86.67%                                     | ≥60%  | Pass     |
| Aggregate      | 120                    | 84.1                                  | 7%   | Pass  |          |
| 5              | 30                     | 24                                    | 80.00%                                     | ≥80%  | Pass     |
| 6              | 30                     | 23                                    | 76.67%                                     | ≥70%  | Pass     |
| Note: Aggregat | te (Radar Types 1-4) = | (Pd1+Pd2+Pd3+Pd4)                     | /4   |       |          |



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# Radar Type 0

| _   | -       | -   |      |
|-----|---------|-----|------|
| _T- | <br>- 1 | - T | <br> |
|     |         |     |      |

|          | Trial Id | Radar<br>Type | Pulse<br>Vidth<br>(us) | PRI (us) | Number of<br>Pulses | Taveform<br>Length<br>(us) |
|----------|----------|---------------|------------------------|----------|---------------------|----------------------------|
| Download | 0        | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 1        | Туре О        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 2        | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 3        | Туре О        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 4        | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 5        | Туре О        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 6        | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 7        | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 8        | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 9        | Туре О        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 10       | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 11       | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 12       | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 13       | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 14       | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 15       | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 16       | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 17       | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 18       | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 19       | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 20       | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 21       | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 22       | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 23       | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 24       | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 25       | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 26       | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 27       | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 28       | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |
| Download | 29       | Type O        | 1.0                    | 1428.0   | 18                  | 25704.0                    |



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# Radar Type 1- Radar Waveform

#### -Trial List -

|          | Trial Id | Radar<br>Type | Pulse<br>Width<br>(us) | PRI (us) | Number of<br>Pulses | Taveform<br>Length<br>(us) |
|----------|----------|---------------|------------------------|----------|---------------------|----------------------------|
| Download | 0        | Type 1        | 1.0                    | 938.0    | 57                  | 53466.0                    |
| Download | 1        | Type 1        | 1.0                    | 698.0    | 76                  | 53048.0                    |
| Download | 2        | Type 1        | 1.0                    | 618.0    | 86                  | 53148.0                    |
| Download | 3        | Type 1        | 1.0                    | 538.0    | 99                  | 53262.0                    |
| Download | 4        | Type 1        | 1.0                    | 878.0    | 61                  | 53558.0                    |
| Download | 5        | Type 1        | 1.0                    | 3066.0   | 18                  | 55188.0                    |
| Download | 6        | Type 1        | 1.0                    | 638.0    | 83                  | 52954.0                    |
| Download | 7        | Type 1        | 1.0                    | 918.0    | 58                  | 53244.0                    |
| Download | 8        | Type 1        | 1.0                    | 838.0    | 63                  | 52794.0                    |
| Download | 9        | Type 1        | 1.0                    | 858.0    | 62                  | 53196.0                    |
| Download | 10       | Type 1        | 1.0                    | 798. 0   | 67                  | 53466.0                    |
| Download | 11       | Type 1        | 1.0                    | 718.0    | 74                  | 53132.0                    |
| Download | 12       | Type 1        | 1.0                    | 578.0    | 92                  | 53176.0                    |
| Download | 13       | Type 1        | 1.0                    | 598.0    | 89                  | 53222.0                    |
| Download | 14       | Type 1        | 1.0                    | 558.0    | 95                  | 53010.0                    |
| Download | 15       | Type 1        | 1.0                    | 2536.0   | 21                  | 53256.0                    |
| Download | 16       | Type 1        | 1.0                    | 966. 0   | 55                  | 53130.0                    |
| Download | 17       | Type 1        | 1.0                    | 827.0    | 64                  | 52928.0                    |
| Download | 18       | Type 1        | 1.0                    | 2501.0   | 22                  | 55022.0                    |
| Download | 19       | Type 1        | 1.0                    | 2595.0   | 21                  | 54495.0                    |
| Download | 20       | Type 1        | 1.0                    | 1114.0   | 48                  | 53472.0                    |
| Download | 21       | Type 1        | 1.0                    | 1302.0   | 41                  | 53382.0                    |
| Download | 22       | Type 1        | 1.0                    | 3045.0   | 18                  | 54810.0                    |
|          | 23       | Type 1        | 1.0                    | 1624.0   | 33                  | 53592.0                    |
| Download | 24       | Type 1        | 1.0                    | 2878.0   | 19                  | 54682.0                    |
| Download | 25       | Type 1        | 1.0                    | 1027.0   | 52                  | 53404.0                    |
| Download | 26       | Type 1        | 1.0                    | 2485.0   | 22                  | 54670.0                    |
| Download | 27       | Type 1        | 1.0                    | 1600.0   | 33                  | 52800.0                    |
| Download | 28       | Type 1        | 1.0                    | 1172.0   | 46                  | 53912.0                    |
| Download | 29       | Type 1        | 1.0                    | 1177.0   | 45                  | 52965.0                    |



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—Trial List ——

|          | Trial Id | Radar<br>Type | Pulse<br>Vidth<br>(us) | PRI (us) | Number of<br>Pulses | Taveform<br>Length<br>(us) |
|----------|----------|---------------|------------------------|----------|---------------------|----------------------------|
| Download | 0        | Type 2        | 3.2                    | 179.0    | 26                  | 4654.0                     |
| Download | 1        | Type 2        | 1.1                    | 207. 0   | 23                  | 4761.0                     |
| Download | 2        | Type 2        | 2.1                    | 230.0    | 24                  | 5520.0                     |
| Download | 3        | Type 2        | 4.8                    | 200.0    | 29                  | 5800.0                     |
| Download | 4        | Type 2        | 3.9                    | 214.0    | 28                  | 5992.0                     |
| Download | 5        | Type 2        | 2.9                    | 222.0    | 26                  | 5772.0                     |
| Download | 6        | Type 2        | 3.2                    | 204.0    | 26                  | 5304.0                     |
| Download | 7        | Type 2        | 2.5                    | 192.0    | 25                  | 4800.0                     |
| Download | 8        | Type 2        | 3.1                    | 164.0    | 26                  | 4264.0                     |
| Download | 9        | Type 2        | 1.2                    | 156.0    | 23                  | 3588.0                     |
| Download | 10       | Type 2        | 3.9                    | 210.0    | 27                  | 5670.0                     |
| Download | 11       | Type 2        | 4.6                    | 201.0    | 29                  | 5829.0                     |
| Download | 12       | Type 2        | 3.2                    | 162.0    | 26                  | 4212.0                     |
| Download | 13       | Type 2        | 2.2                    | 197.0    | 25                  | 4925.0                     |
| Download | 14       | Type 2        | 4.5                    | 163.0    | 29                  | 4727.0                     |
| Download | 15       | Type 2        | 3.0                    | 203.0    | 26                  | 5278.0                     |
| Download | 16       | Type 2        | 5.0                    | 168.0    | 29                  | 4872.0                     |
| Download | 17       | Type 2        | 2.4                    | 217.0    | 25                  | 5425.0                     |
| Download | 18       | Type 2        | 2.9                    | 191.0    | 26                  | 4966.0                     |
| Download | 19       | Type 2        | 2.3                    | 166.0    | 25                  | 4150.0                     |
| Download | 20       | Type 2        | 3. 7                   | 150.0    | 27                  | 4050.0                     |
| Download | 21       | Type 2        | 2.2                    | 176.0    | 25                  | 4400.0                     |
| Download | 22       | Type 2        | 4.9                    | 195.0    | 29                  | 5655.0                     |
| Download | 23       | Type 2        | 2.9                    | 202.0    | 26                  | 5252.0                     |
| Download | 24       | Type 2        | 2.5                    | 178.0    | 25                  | 4450.0                     |
| Download | 25       | Type 2        | 1.1                    | 206.0    | 23                  | 4738.0                     |
| Download | 26       | Type 2        | 3.8                    | 155.0    | 27                  | 4185.0                     |
| Download | 27       | Type 2        | 4.7                    | 157.0    | 29                  | 4553.0                     |
| Download | 28       | Type 2        | 2.4                    | 224.0    | 25                  | 5600.0                     |
| Download | 29       | Type 2        | 4.2                    | 159.0    | 28                  | 4452.0                     |



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| <br> | <br> |  |
|------|------|--|
| <br> | <br> |  |

|          | Trial Id | Radar<br>Type | Pulse<br>Tidth<br>(us) | PRI (us) | Number of<br>Pulses | Taveform<br>Length<br>(us) |
|----------|----------|---------------|------------------------|----------|---------------------|----------------------------|
| Download | 0        | Туре З        | 8.2                    | 355.0    | 17                  | 6035.0                     |
| Download | 1        | Туре З        | 6.1                    | 487.0    | 16                  | 7792.0                     |
| Download | 2        | Туре З        | 7.1                    | 344.0    | 16                  | 5504.0                     |
| Download | 3        | Туре З        | 9.8                    | 288.0    | 18                  | 5184.0                     |
| Download | 4        | Туре З        | 8.9                    | 230.0    | 18                  | 4140.0                     |
| Download | 5        | Туре З        | 7.9                    | 432.0    | 17                  | 7344.0                     |
| Download | 6        | Туре З        | 8.2                    | 207.0    | 17                  | 3519.0                     |
| Download | 7        | Туре З        | 7.5                    | 443.0    | 17                  | 7531.0                     |
| Download | 8        | Туре З        | 8. 1                   | 439.0    | 17                  | 7463.0                     |
| Download | 9        | Туре З        | 6.2                    | 223.0    | 16                  | 3568.0                     |
| Download | 10       | Туре З        | 8.9                    | 208.0    | 18                  | 3744.0                     |
| Download | 11       | Туре З        | 9.6                    | 463.0    | 18                  | 8334.0                     |
| Download | 12       | Туре З        | 8.2                    | 441.0    | 17                  | 7497.0                     |
| Download | 13       | Туре З        | 7.2                    | 323.0    | 16                  | 5168.0                     |
| Download | 14       | Туре З        | 9.5                    | 297.0    | 18                  | 5346.0                     |
| Download | 15       | Туре З        | 8.0                    | 412.0    | 17                  | 7004.0                     |
| Download | 16       | Туре З        | 10.0                   | 324.0    | 18                  | 5832.0                     |
| Download | 17       | Туре З        | 7.4                    | 271.0    | 17                  | 4607.0                     |
| Download | 18       | Туре З        | 7.9                    | 349.0    | 17                  | 5933.0                     |
| Download | 19       | Туре З        | 7.3                    | 409.0    | 16                  | 6544.0                     |
| Download | 20       | Туре З        | 8. 7                   | 373.0    | 18                  | 6714.0                     |
| Download | 21       | Туре З        | 7.2                    | 254.0    | 16                  | 4064.0                     |
| Download | 22       | Туре З        | 9.9                    | 274.0    | 18                  | 4932.0                     |
| Download | 23       | Туре З        | 7.9                    | 278.0    | 17                  | 4726.0                     |
| Download | 24       | Туре З        | 7.5                    | 317.0    | 17                  | 5389.0                     |
| Download | 25       | Туре З        | 6.1                    | 260.0    | 16                  | 4160.0                     |
| Download | 26       | Туре З        | 8.8                    | 211.0    | 18                  | 3798.0                     |
| Download | 27       | Туре З        | 9. 7                   | 272.0    | 18                  | 4896.0                     |
| Download | 28       | Туре З        | 7.4                    | 264.0    | 17                  | 4488.0                     |
| Download | 29       | Туре З        | 9.2                    | 284.0    | 18                  | 5112.0                     |



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# Radar Type 4- Radar Waveform

#### -Trial List-

|          | Trial Id | Radar<br>Type | Pulse<br>Vidth<br>(us) | PRI (us) | Number of<br>Pulses | Taveform<br>Length<br>(us) |
|----------|----------|---------------|------------------------|----------|---------------------|----------------------------|
| Download | 0        | Type 4        | 16.0                   | 355.0    | 14                  | 4970.0                     |
| Download | 1        | Type 4        | 11.3                   | 487.0    | 12                  | 5844.0                     |
| Download | 2        | Type 4        | 13.5                   | 344.0    | 13                  | 4472.0                     |
| Download | 3        | Type 4        | 19.4                   | 288.0    | 16                  | 4608.0                     |
| Download | 4        | Type 4        | 17.5                   | 230.0    | 15                  | 3450.0                     |
| Download | 5        | Type 4        | 15.3                   | 432.0    | 14                  | 6048.0                     |
| Download | 6        | Type 4        | 15.9                   | 207.0    | 14                  | 2898.0                     |
| Download | 7        | Type 4        | 14.3                   | 443.0    | 13                  | 5759.0                     |
| Download | 8        | Type 4        | 15.8                   | 439.0    | 14                  | 6146.0                     |
| Download | 9        | Type 4        | 11.5                   | 223.0    | 12                  | 2676.0                     |
| Download | 10       | Type 4        | 17.4                   | 208.0    | 15                  | 3120.0                     |
| Download | 11       | Type 4        | 19.0                   | 463.0    | 16                  | 7408.0                     |
| Download | 12       | Type 4        | 16.0                   | 441.0    | 14                  | 6174.0                     |
| Download | 13       | Type 4        | 13.8                   | 323.0    | 13                  | 4199.0                     |
| Download | 14       | Type 4        | 18.9                   | 297.0    | 16                  | 4752.0                     |
| Download | 15       | Type 4        | 15.5                   | 412.0    | 14                  | 5768.0                     |
| Download | 16       | Type 4        | 19.9                   | 324.0    | 16                  | 5184.0                     |
| Download | 17       | Type 4        | 14.1                   | 271.0    | 13                  | 3523.0                     |
| Download | 18       | Type 4        | 15.2                   | 349.0    | 14                  | 4886.0                     |
| Download | 19       | Type 4        | 13.8                   | 409.0    | 13                  | 5317.0                     |
| Download | 20       | Type 4        | 17.1                   | 373.0    | 15                  | 5595.0                     |
| Download | 21       | Type 4        | 13.8                   | 254.0    | 13                  | 3302.0                     |
| Download | 22       | Type 4        | 19.8                   | 274.0    | 16                  | 4384.0                     |
| Download | 23       | Type 4        | 15.3                   | 278.0    | 14                  | 3892.0                     |
| Download | 24       | Type 4        | 14.5                   | 317.0    | 13                  | 4121.0                     |
| Download | 25       | Type 4        | 11.3                   | 260.0    | 12                  | 3120.0                     |
| Download | 26       | Type 4        | 17.3                   | 211.0    | 15                  | 3165.0                     |
| Download | 27       | Type 4        | 19.2                   | 272.0    | 16                  | 4352.0                     |
| Download | 28       | Type 4        | 14.2                   | 264.0    | 13                  | 3432.0                     |
| Download | 29       | Type 4        | 18.2                   | 284.0    | 15                  | 4260.0                     |



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# Radar Type 5- Radar Waveform-0

| Tr | ial List — |          |               |                         |                        |                           |                                  |            |            |            |
|----|------------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|
|    |            | Trial Id | Radar<br>Type | Number of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |
|    | Download   | 0        | Type 5        | 15                      | 0.8000000              | 12.0000000                |                                  |            |            |            |
|    |            |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Width (us)    | Chirp<br>Tidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |
|    |            |          | 0             | 636185.0                | 77.8                   | 13                        | 2                                | 1665.0     | 1477.0     | -          |
|    |            |          | 1             | 32674.0                 | 51.9                   | 5                         | 1                                | 1074.0     | -          | -          |
|    |            |          | 2             | 226294.0                | 63.8                   | 9                         | 1                                | 1584.0     | -          | -          |
|    |            |          | 3             | 417976.0                | 96.6                   | 19                        | 3                                | 1682.0     | 1786.0     | 1843.0     |
|    |            |          | 4             | 611152.0                | 85.9                   | 16                        | 3                                | 1795.0     | 1215.0     | 1729.0     |
|    |            |          | 5             | 8789.0                  | 73. 7                  | 12                        | 2                                | 1198.0     | 1549.0     | _          |
|    |            |          | 6             | 201917.0                | 77.2                   | 13                        | 2                                | 1837.0     | 1819.0     | _          |
|    |            |          | 7             | 395530.0                | 68.4                   | 10                        | 2                                | 1587.0     | 1114.0     | _          |
|    |            |          | 8             | 588564.0                | 76. 7                  | 13                        | 2                                | 2000.0     | 1155.0     | -          |
|    |            |          | 9             | 783794.0                | 53.2                   | 6                         | 1                                | 1147.0     | -          | _          |
|    |            |          | 10            | 177933.0                | 85. 7                  | 16                        | 3                                | 1433.0     | 1695.0     | 1394.0     |
|    |            |          | 11            | 370624.0                | 94.3                   | 19                        | 3                                | 1670.0     | 1426.0     | 1935.0     |
|    |            |          | 12            | 564893.0                | 77.6                   | 13                        | 2                                | 1294.0     | 1671.0     | -          |
|    |            |          | 13            | 759583.0                | 65. 7                  | 10                        | 1                                | 1512.0     | -          | -          |
|    |            |          | 14            | 154262.0                | 93.5                   | 18                        | 3                                | 1444.0     | 1130.0     | 1468.0     |

# Radar Type 5- Radar Waveform-1

| PRI-3 (us) |
|------------|
| -          |
| 1257.0     |
| -          |
| -          |
| -          |
| 1419.0     |
| -          |
| 1728.0     |
| - 14       |

|          | Trial Id | Radar<br>Type | Humber of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |
|----------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|
| Download | 2        | Type 5        | 11                      | 1.0909091              | 12.0000000                |                                  |            |            |            |
|          |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Tidth (us)    | Chirp<br>Vidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |
|          |          | 0             | 409565.0                | 73.8                   | 12                        | 2                                | 1806.0     | 1538.0     | -          |
|          |          | 1             | 673692.0                | 69.5                   | 11                        | 2                                | 1117.0     | 1649.0     | -          |
|          |          | 2             | 938562.0                | 51.9                   | 5                         | 1                                | 1651.0     | -          | -          |
|          |          | 3             | 113209.0                | 84.6                   | 16                        | 3                                | 1976.0     | 1032.0     | 1271.0     |
|          |          | 4             | 376726.0                | 95.4                   | 19                        | 3                                | 1060.0     | 1903.0     | 1388.0     |
|          |          | 5             | 641212.0                | 68.0                   | 10                        | 2                                | 1368.0     | 1351.0     | -          |
|          |          | 6             | 903714.0                | 89.6                   | 17                        | 3                                | 1338.0     | 1514.0     | 1573.0     |
|          |          | 7             | 80863.0                 | 81.9                   | 15                        | 2                                | 1022.0     | 1689.0     | -          |
|          |          | 8             | 344067.0                | 88.3                   | 17                        | 3                                | 1810.0     | 1330.0     | 1838.0     |
|          |          | 9             | 609331.0                | 53. 7                  | 6                         | 1                                | 1597.0     | -          | -          |
|          |          | 10            | 871542.0                | 91.3                   | 18                        | 3                                | 1961.0     | 1106.0     | 1001.0     |



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| Trial List |          |               |                         |                        |                           |                                  |            |            |            |
|------------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|
|            | Trial Id | Radar<br>Type | Humber of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |
| Download   | 3        | Туре 5        | 20                      | 0.6000000              | 12.0000000                |                                  |            |            |            |
|            |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Tidth (us)    | Chirp<br>Vidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |
|            |          | 0             | 26541.0                 | 68.1                   | 10                        | 2                                | 1339.0     | 1355.0     | -          |
|            |          | 1             | 171821.0                | 58. 7                  | 7                         | 1                                | 1251.0     | -          | -          |
|            |          | 2             | 316229.0                | 75.3                   | 13                        | 2                                | 1136.0     | 1640.0     | -          |
|            |          | 3             | 461864.0                | 56.4                   | 7                         | 1                                | 1753.0     | -          | _          |
|            |          | 4             | 8677.0                  | 99. 7                  | 20                        | 3                                | 1196.0     | 1708.0     | 1159.0     |
|            |          | 5             | 153995.0                | 57. 7                  | 7                         | 1                                | 1013.0     | -          | _          |
|            |          | 6             | 299238.0                | 59.5                   | 8                         | 1                                | 1072.0     | -          | _          |
|            |          | 7             | 443177.0                | 80.0                   | 14                        | 2                                | 1482.0     | 1369.0     | -          |
|            |          | 8             | 587671.0                | 82.0                   | 15                        | 2                                | 1993.0     | 1197.0     | _          |
|            |          | 9             | 135674.0                | 82.8                   | 15                        | 2                                | 1883.0     | 1005.0     | _          |
|            |          | 10            | 279928.0                | 88.0                   | 17                        | 3                                | 1061.0     | 1928.0     | 1101.0     |
|            |          | 11            | 424279.0                | 93.2                   | 18                        | 3                                | 1207.0     | 1907.0     | 1223.0     |
|            |          | 12            | 570132.0                | 70.4                   | 11                        | 2                                | 1526.0     | 1360.0     | -          |
|            |          | 13            | 117439.0                | 95.3                   | 19                        | 3                                | 1171.0     | 1955.0     | 1775.0     |
|            |          | 14            | 262502.0                | 81.9                   | 15                        | 2                                | 1690.0     | 1545.0     | -          |
|            |          | 15            | 406573.0                | 98.5                   | 20                        | 3                                | 1975.0     | 1169.0     | 1062.0     |
|            |          | 16            | 553328.0                | 65.0                   | 9                         | 1                                | 1767.0     | -          | -          |
|            |          | 17            | 99799.0                 | 85.4                   | 16                        | 3                                | 1011.0     | 1637.0     | 1425.0     |
|            |          | 18            | 244095.0                | 91.6                   | 18                        | 3                                | 1878.0     | 1445.0     | 1325.0     |
|            |          | 19            | 390012.0                | 67.3                   | 10                        | 2                                | 1091.0     | 1218.0     | -          |

| ial I | List — |          |               |                         |                        |                           |                                  |            |            |            |  |
|-------|--------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|--|
|       |        | Trial Id | Radar<br>Type | Number of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |  |
| Dow   | nload  | 4        | Type 5        | 17                      | 0. 7058824             | 12.0000000                |                                  |            |            |            |  |
|       |        |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Tidth (us)    | Chirp<br>Vidth<br>(MKz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |  |
|       |        |          | 0             | 629614.0                | 67.9                   | 10                        | 2                                | 1320.0     | 1133.0     | -          |  |
|       |        |          | 1             | 96856.0                 | 62.3                   | 8                         | 1                                | 1957.0     | -          | -          |  |
|       |        |          | 2             | 267719.0                | 53.3                   | 6                         | 1                                | 1592.0     | -          | -          |  |
|       |        |          | 3             | 436784.0                | 90.0                   | 17                        | 3                                | 1900.0     | 1153.0     | 1346.0     |  |
|       |        |          | 4             | 608289.0                | 77.1                   | 13                        | 2                                | 1166.0     | 1646.0     | -          |  |
|       |        |          | 5             | 75610.0                 | 83.9                   | 15                        | 3                                | 1278.0     | 1232.0     | 1459.0     |  |
|       |        |          | 6             | 245638.0                | 89. 1                  | 17                        | 3                                | 1240.0     | 1384.0     | 1939.0     |  |
|       |        |          | 7             | 416355.0                | 81.8                   | 15                        | 2                                | 1833.0     | 1676.0     | -          |  |
|       |        |          | 8             | 588736.0                | 50.3                   | 5                         | 1                                | 1075.0     | -          | -          |  |
|       |        |          | 9             | 54571.0                 | 87. 1                  | 16                        | 3                                | 1116.0     | 1996.0     | 1756.0     |  |
|       |        |          | 10            | 225175.0                | 71.3                   | 11                        | 2                                | 1225.0     | 1815.0     | -          |  |
|       |        |          | 11            | 394825.0                | 97.5                   | 20                        | 3                                | 1884.0     | 1465.0     | 1132.0     |  |
|       |        |          | 12            | 565361.0                | 90.6                   | 17                        | 3                                | 1561.0     | 1040.0     | 1354.0     |  |
|       |        |          | 13            | 33643.0                 | 86.3                   | 16                        | 3                                | 1596.0     | 1183.0     | 1792.0     |  |
|       |        |          | 14            | 203957.0                | 97.6                   | 20                        | 3                                | 1365.0     | 1073.0     | 1361.0     |  |
|       |        |          | 15            | 373812.0                | 84. 7                  | 16                        | 3                                | 1021.0     | 1718.0     | 1854.0     |  |
|       |        |          | 16            | 544060.0                | 99. 7                  | 20                        | 3                                | 1150.0     | 1244.0     | 1988.0     |  |



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# Radar Type 5- Radar Waveform-5

| al List — |          |               |                         |                        |                           |                                  |            |            |            |
|-----------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|
|           | Trial Id | Radar<br>Type | Number of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |
| Download  | 5        | Type 5        | 14                      | 0.8571429              | 12.0000000                |                                  |            |            |            |
|           |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Tidth (us)    | Chirp<br>Vidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |
|           |          | 0             | 15438.0                 | 92.9                   | 18                        | 3                                | 1085.0     | 1564.0     | 1407.0     |
|           |          | 1             | 222486.0                | 67. 7                  | 10                        | 2                                | 1744.0     | 1747.0     | -          |
|           |          | 2             | 430731.0                | 65.8                   | 10                        | 1                                | 1092.0     | -          | -          |
|           |          | 3             | 637784.0                | 56.3                   | 7                         | 1                                | 1851.0     | -          | -          |
|           |          | 4             | 845342.0                | 53. 7                  | 6                         | 1                                | 1727.0     | -          | -          |
|           |          | 5             | 196720.0                | 83.5                   | 15                        | 3                                | 1679.0     | 1930.0     | 1025.0     |
|           |          | 6             | 404955.0                | 65.8                   | 10                        | 1                                | 1519.0     | -          | _          |
|           |          | 7             | 610711.0                | 85.9                   | 16                        | 3                                | 1134.0     | 1034.0     | 1808.0     |
|           |          | 8             | 818057.0                | 76.3                   | 13                        | 2                                | 1606.0     | 1926.0     | _          |
|           |          | 9             | 171459.0                | 81.5                   | 15                        | 2                                | 1891.0     | 1714.0     | -          |
|           |          | 10            | 377969.0                | 89.4                   | 17                        | 3                                | 1310.0     | 1594.0     | 1827.0     |
|           |          | 11            | 586875.0                | 63.4                   | 9                         | 1                                | 1568.0     | -          | -          |
|           |          | 12            | 792834.0                | 69.6                   | 11                        | 2                                | 1307.0     | 1925.0     | -          |
|           |          | 13            | 146044.0                | 74.5                   | 12                        | 2                                | 1264.0     | 1846.0     | _          |

|   |          |          | I             | _ , ,                   | Burst               | Taveform                |                                  |            |            |            |
|---|----------|----------|---------------|-------------------------|---------------------|-------------------------|----------------------------------|------------|------------|------------|
|   |          | Trial Id | Radar<br>Type | Number of<br>Bursts     | Period<br>(s)       | Length<br>(s)           |                                  |            |            |            |
| 1 | Download | 6        | Type 5        | 15                      | 0.8000000           | 12.0000000              |                                  |            |            |            |
|   |          |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Tidth (us) | Chirp<br>Vidth<br>(MHz) | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |
|   |          |          | 0             | 329022.0                | 96.6                | 19                      | 3                                | 1182.0     | 1609.0     | 1581.0     |
|   |          |          | 1             | 521718.0                | 96. 7               | 19                      | 3                                | 1829.0     | 1799.0     | 1154.0     |
|   |          |          | 2             | 714222.0                | 86.5                | 16                      | 3                                | 1923.0     | 1396.0     | 1865.0     |
|   |          |          | 3             | 112450.0                | 73.3                | 12                      | 2                                | 1908.0     | 1318.0     | -          |
|   |          |          | 4             | 306283.0                | 55.8                | 6                       | 1                                | 1688.0     | -          | _          |
|   |          |          | 5             | 500239.0                | 55.4                | 6                       | 1                                | 1145.0     | -          | _          |
|   |          |          | 6             | 690932.0                | 85.3                | 16                      | 3                                | 1336.0     | 1504.0     | 1820.0     |
|   |          |          | 7             | 88645.0                 | 79.4                | 14                      | 2                                | 1344.0     | 1893.0     | -          |
|   |          |          | 8             | 282508.0                | 65. 7               | 10                      | 1                                | 1476.0     | -          | -          |
|   |          |          | 9             | 475842.0                | 68.6                | 10                      | 2                                | 1008.0     | 1028.0     | -          |
|   |          |          | 10            | 667887.0                | 77. 7               | 13                      | 2                                | 1972.0     | 1835.0     | _          |
|   |          |          | 11            | 64845.0                 | 79.6                | 14                      | 2                                | 1882.0     | 1331.0     | _          |
|   |          |          | 12            | 257755.0                | 94.9                | 19                      | 3                                | 1830.0     | 1070.0     | 1349.0     |
|   |          |          | 13            | 452335.0                | 61.4                | 8                       | 1                                | 1451.0     | -          | _          |
|   |          |          | 14            | 643395.0                | 90.6                | 17                      | 3                                | 1233.0     | 1562.0     | 1887. 0    |



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# Radar Type 5- Radar Waveform-7

| rial List — |          |               |                         |                        |                           |                                  |            |            |            |
|-------------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|
|             | Trial Id | Radar<br>Type | Number of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |
| Download    | 7        | Type 5        | 12                      | 1.0000000              | 12.0000000                |                                  |            |            |            |
|             |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Vidth (us)    | Chirp<br>Vidth<br>(WHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |
|             |          | 0             | 51446.0                 | 52.6                   | 5                         | 1                                | 1210.0     | -          | -          |
|             |          | 1             | 292696.0                | 84.1                   | 15                        | 3                                | 1314.0     | 1725.0     | 1529.0     |
|             |          | 2             | 533989.0                | 97. 7                  | 20                        | 3                                | 1139.0     | 1868.0     | 1805.0     |
|             |          | 3             | 775564.0                | 97.3                   | 20                        | 3                                | 1341.0     | 1446.0     | 1755.0     |
|             |          | 4             | 21542.0                 | 98.8                   | 20                        | 3                                | 1544.0     | 1386.0     | 1302.0     |
|             |          | 5             | 263385.0                | 72.2                   | 12                        | 2                                | 1771.0     | 1184.0     | -          |
|             |          | 6             | 505581.0                | 67.6                   | 10                        | 2                                | 1175.0     | 1027.0     | -          |
|             |          | 7             | 747058.0                | 75. 7                  | 13                        | 2                                | 1026.0     | 1871.0     | -          |
|             |          | 8             | 989976.0                | 60.9                   | 8                         | 1                                | 1798.0     | -          | -          |
|             |          | 9             | 234024.0                | 64.2                   | 9                         | 1                                | 1138.0     | -          | -          |
|             |          | 10            | 475207.0                | 78.8                   | 14                        | 2                                | 1784.0     | 1604.0     | -          |
|             |          | 11            | 715825.0                | 87.5                   | 16                        | 3                                | 1511.0     | 1712.0     | 1683.0     |

#### Radar Type 5- Radar Waveform-8

|          | Trial Id | Radar<br>Type | Number of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |
|----------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|
| Download | 8        | Type 5        | 14                      | 0.8571429              | 12.0000000                |                                  |            |            |            |
|          |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Vidth (us)    | Chirp<br>Vidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |
|          |          | 0             | 823112.0                | 54.1                   | 6                         | 1                                | 1415.0     | -          | -          |
|          |          | 1             | 174965.0                | 50. 7                  | 5                         | 1                                | 1221.0     | -          | -          |
|          |          | 2             | 382216.0                | 52.3                   | 5                         | 1                                | 1974.0     | -          | -          |
|          |          | 3             | 587395.0                | 99.8                   | 20                        | 3                                | 1558.0     | 1696.0     | 1949.0     |
|          |          | 4             | 796897.0                | 68.4                   | 10                        | 2                                | 1014.0     | 1099.0     | -          |
|          |          | 5             | 149042.0                | 80.8                   | 14                        | 2                                | 1736.0     | 1505.0     | -          |
|          |          | 6             | 356750.0                | 62.5                   | 9                         | 1                                | 1778.0     | _          | -          |
|          |          | 7             | 563824.0                | 74.8                   | 12                        | 2                                | 1149.0     | 1204.0     | _          |
|          |          | 8             | 772314.0                | 50.8                   | 5                         | 1                                | 1049.0     | _          | _          |
|          |          | 9             | 123796.0                | 54.0                   | 6                         | 1                                | 1417.0     | _          | -          |
|          |          | 10            | 331215.0                | 63.0                   | 9                         | 1                                | 1730.0     | -          | -          |
|          |          | 11            | 537402.0                | 91.8                   | 18                        | 3                                | 1143.0     | 1270.0     | 1347.0     |
|          |          | 12            | 744805.0                | 79.3                   | 14                        | 2                                | 1274.0     | 1992.0     | _          |
|          |          | 13            | 98172.0                 | 64.3                   | 9                         | 1                                | 1937.0     | _          | -          |

| rial List — |          |               |                         |                        |                           |                                  |            |            |            |
|-------------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|
|             | Trial Id | Radar<br>Type | Number of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |
| Download    | 9        | Type 5        | 8                       | 1.5000000              | 12.0000000                |                                  |            |            |            |
|             |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Tidth (us)    | Chirp<br>Vidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |
|             |          | 0             | 535615.0                | 63.4                   | 9                         | 1                                | 1043.0     | -          | -          |
|             |          | 1             | 898668.0                | 52.0                   | 5                         | 1                                | 1863.0     | -          | -          |
|             |          | 2             | 1259235.0               | 97.2                   | 20                        | 3                                | 1973.0     | 1605.0     | 1583.0     |
|             |          | 3             | 127106.0                | 78. 7                  | 14                        | 2                                | 1466.0     | 1743.0     | -          |
|             |          | 4             | 490358.0                | 74.2                   | 12                        | 2                                | 1280.0     | 1219.0     | -          |
|             |          | 5             | 852409.0                | 88. 7                  | 17                        | 3                                | 1293.0     | 1934.0     | 1273.0     |
|             |          | 6             | 1217152.0               | 54.3                   | 6                         | 1                                | 1991.0     | -          | -          |
|             |          | 7             | 82296.0                 | 95.4                   | 19                        | 3                                | 1580.0     | 1555.0     | 1791.0     |
|             |          |               |                         |                        |                           |                                  |            |            |            |



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# Radar Type 5- Radar Waveform-10

| Trial List — |          |               |                         |                        |                           |                                  |            |            |            |  |
|--------------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|--|
|              | Trial Id | Radar<br>Type | Mumber of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |  |
| Download     | 10       | Type 5        | 17                      | 0. 7058824             | 12.0000000                |                                  |            |            |            |  |
|              |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Tidth (us)    | Chirp<br>Vidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |  |
|              |          | 0             | 209249.0                | 73. 7                  | 12                        | 2                                | 1208.0     | 1497.0     | -          |  |
|              |          | 1             | 378386.0                | 97.4                   | 20                        | 3                                | 1942.0     | 1754.0     | 1613.0     |  |
|              |          | 2             | 548411.0                | 91.7                   | 18                        | 3                                | 1999.0     | 1702.0     | 1462.0     |  |
|              |          | 3             | 17733.0                 | 66.2                   | 10                        | 1                                | 1393.0     | -          | _          |  |
|              |          | 4             | 187952.0                | 70.8                   | 11                        | 2                                | 1968.0     | 1821.0     | _          |  |
|              |          | 5             | 359277.0                | 52.3                   | 5                         | 1                                | 1740.0     | -          | _          |  |
|              |          | 6             | 528886.0                | 78.9                   | 14                        | 2                                | 1308.0     | 1984.0     | _          |  |
|              |          | 7             | 700166.0                | 70.9                   | 11                        | 2                                | 1050.0     | 1358.0     | _          |  |
|              |          | 8             | 167197.0                | 75.6                   | 13                        | 2                                | 1437.0     | 1430.0     | _          |  |
|              |          | 9             | 338262.0                | 59.1                   | 7                         | 1                                | 1697.0     | -          | -          |  |
|              |          | 10            | 508324.0                | 77. 0                  | 13                        | 2                                | 1397.0     | 1304.0     | _          |  |
|              |          | 11            | 678689.0                | 67.9                   | 10                        | 2                                | 1803.0     | 1083.0     | _          |  |
|              |          | 12            | 146031.0                | 81.2                   | 14                        | 2                                | 1720.0     | 1932.0     | _          |  |
|              |          | 13            | 316923.0                | 78. 7                  | 14                        | 2                                | 1247.0     | 1121.0     | -          |  |
|              |          | 14            | 488056.0                | 63.3                   | 9                         | 1                                | 1634.0     | -          | _          |  |
|              |          | 15            | 657326.0                | 68.9                   | 11                        | 2                                | 1849.0     | 1423.0     | -          |  |
|              |          | 16            | 125509.0                | 59.3                   | 7                         | 1                                | 1093.0     | -          | -          |  |

|   |          |          | _             |                         |                        |                           |                                  |            |            |            |
|---|----------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|
|   |          | Trial Id | Radar<br>Type | Humber of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |
| 1 | Download | 11       | Type 5        | 19                      | 0.6315789              | 12.0000000                |                                  |            |            |            |
|   |          |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Tidth (us)    | Chirp<br>Vidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |
|   |          |          | 0             | 263736.0                | 98.9                   | 20                        | 3                                | 1381.0     | 1680.0     | 1488.0     |
|   |          |          | 1             | 416459.0                | 82.3                   | 15                        | 2                                | 1716.0     | 1855.0     | -          |
|   |          |          | 2             | 567902.0                | 86. 7                  | 16                        | 3                                | 1211.0     | 1400.0     | 1919.0     |
|   |          |          | 3             | 92979.0                 | 89. 7                  | 17                        | 3                                | 1861.0     | 1068.0     | 1282.0     |
|   |          |          | 4             | 245155.0                | 98.6                   | 20                        | 3                                | 1507.0     | 1194.0     | 1461.0     |
|   |          |          | 5             | 397609.0                | 71.1                   | 11                        | 2                                | 1921.0     | 1789.0     | -          |
|   |          |          | 6             | 551431.0                | 55.9                   | 6                         | 1                                | 1947.0     | _          | -          |
|   |          |          | 7             | 74413.0                 | 67.9                   | 10                        | 2                                | 1350.0     | 1372.0     | -          |
|   |          |          | 8             | 226559.0                | 84. 4                  | 16                        | 3                                | 1203.0     | 1107.0     | 1443.0     |
|   |          |          | 9             | 380056.0                | 58.8                   | 7                         | 1                                | 1715.0     | -          | -          |
|   |          |          | 10            | 533408.0                | 65.6                   | 9                         | 1                                | 1017.0     | -          | -          |
|   |          |          | 11            | 55547.0                 | 78.5                   | 14                        | 2                                | 1911.0     | 1704.0     | -          |
|   |          |          | 12            | 207876.0                | 82.3                   | 15                        | 2                                | 1845.0     | 1686.0     | -          |
|   |          |          | 13            | 359771.0                | 90.1                   | 17                        | 3                                | 1938.0     | 1071.0     | 1266.0     |
|   |          |          | 14            | 511297.0                | 90.2                   | 17                        | 3                                | 1989.0     | 1089.0     | 1950.0     |
|   |          |          | 15            | 36803.0                 | 83.1                   | 15                        | 2                                | 1943.0     | 1406.0     | -          |
|   |          |          | 16            | 189652.0                | 58.8                   | 7                         | 1                                | 1742.0     | -          | -          |
|   |          |          | 17            | 341809.0                | 77.0                   | 13                        | 2                                | 1187.0     | 1657.0     | -          |
|   |          |          | 18            | 495737.0                | 55.0                   | 6                         | 1                                | 1012.0     | _          | _          |



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| ial List — |          |               |                         |                        |                           |                                  |            |            |            |
|------------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|
|            | Trial Id | Radar<br>Type | Mumber of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |
| Download   | 12       | Type 5        | 15                      | 0.8000000              | 12.0000000                |                                  |            |            |            |
|            |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Tidth (us)    | Chirp<br>Vidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |
|            |          | 0             | 22911.0                 | 58. 1                  | 7                         | 1                                | 1929.0     | -          | _          |
|            |          | 1             | 216473.0                | 52.1                   | 5                         | 1                                | 1910.0     | -          | _          |
|            |          | 2             | 410004.0                | 59.9                   | 8                         | 1                                | 1971.0     | -          | -          |
|            |          | 3             | 603671.0                | 60.2                   | 8                         | 1                                | 1812.0     | -          | _          |
|            |          | 4             | 794160.0                | 95.9                   | 19                        | 3                                | 1399.0     | 1906.0     | 1608.0     |
|            |          | 5             | 192251.0                | 79.9                   | 14                        | 2                                | 1626.0     | 1859.0     | -          |
|            |          | 6             | 385590.0                | 78.5                   | 14                        | 2                                | 1238.0     | 1917.0     | _          |
|            |          | 7             | 579862.0                | 53.8                   | 6                         | 1                                | 1763.0     | -          | -          |
|            |          | 8             | 773423.0                | 64. 7                  | 9                         | 1                                | 1800.0     | -          | -          |
|            |          | 9             | 168898.0                | 61.4                   | 8                         | 1                                | 1390.0     | -          | -          |
|            |          | 10            | 361606.0                | 83.2                   | 15                        | 2                                | 1692.0     | 1858.0     | _          |
|            |          | 11            | 553866.0                | 84. 7                  | 16                        | 3                                | 1533.0     | 1677.0     | 1638.0     |
|            |          | 12            | 747241.0                | 88. 7                  | 17                        | 3                                | 1703.0     | 1528.0     | 1058.0     |
|            |          | 13            | 144710.0                | 78.3                   | 14                        | 2                                | 1258.0     | 1951.0     | -          |
|            |          | 14            | 337856.0                | 69.3                   | 11                        | 2                                | 1731.0     | 1717.0     | _          |

Radar Type 5- Radar Waveform-13

|          | Trial Id | Radar<br>Type | Humber of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |
|----------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|
| Download | 13       | Type 5        | 12                      | 1.0000000              | 12.0000000                |                                  |            |            |            |
|          |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Vidth (us)    | Chirp<br>Vidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |
|          |          | 0             | 664275.0                | 75.3                   | 13                        | 2                                | 1994.0     | 1612.0     | -          |
|          |          | 1             | 907886.0                | 56.3                   | 7                         | 1                                | 1456.0     | _          | -          |
|          |          | 2             | 151316.0                | 67. 7                  | 10                        | 2                                | 1617.0     | 1185.0     | -          |
|          |          | 3             | 393746.0                | 55.6                   | 6                         | 1                                | 1337.0     | -          | -          |
|          |          | 4             | 635093.0                | 75.2                   | 13                        | 2                                | 1421.0     | 1267.0     | -          |
|          |          | 5             | 876993.0                | 76.3                   | 13                        | 2                                | 1359.0     | 1305.0     | -          |
|          |          | 6             | 121278.0                | 85. 7                  | 16                        | 3                                | 1547.0     | 1362.0     | 1924.0     |
|          |          | 7             | 362696.0                | 98.4                   | 20                        | 3                                | 1873.0     | 1550.0     | 1249.0     |
|          |          | 8             | 604342.0                | 86.4                   | 16                        | 3                                | 1779.0     | 1439.0     | 1046.0     |
|          |          | 9             | 846453.0                | 93.6                   | 18                        | 3                                | 1059.0     | 1031.0     | 1452.0     |
|          |          | 10            | 91871.0                 | 63.3                   | 9                         | 1                                | 1328.0     | -          | -          |
|          |          | 11            | 333050.0                | 92.4                   | 18                        | 3                                | 1412.0     | 1673.0     | 1322.0     |
|          |          |               |                         |                        |                           |                                  |            |            |            |



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| al List — |          |               |                         |                        |                           |                                  |            |            |            |
|-----------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|
|           | Trial Id | Radar<br>Type | Number of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |
| Download  | 14       | Туре 5        | 19                      | 0.6315789              | 12.0000000                |                                  |            |            |            |
|           |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Width (us)    | Chirp<br>Vidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |
|           |          | 0             | 361323.0                | 93.3                   | 18                        | 3                                | 1983.0     | 1912.0     | 1535.0     |
|           |          | 1             | 515261.0                | 69.1                   | 11                        | 2                                | 1102.0     | 1794.0     | -          |
|           |          | 2             | 39025.0                 | 86.9                   | 16                        | 3                                | 1044.0     | 1152.0     | 1148.0     |
|           |          | 3             | 190900.0                | 84.9                   | 16                        | 3                                | 1894.0     | 1948.0     | 1118.0     |
|           |          | 4             | 343941.0                | 72.3                   | 12                        | 2                                | 1094.0     | 1916.0     | -          |
|           |          | 5             | 497624.0                | 51.7                   | 5                         | 1                                | 1447.0     | -          | -          |
|           |          | 6             | 20319.0                 | 58.3                   | 7                         | 1                                | 1429.0     | _          | _          |
|           |          | 7             | 172999.0                | 60.8                   | 8                         | 1                                | 1979.0     | _          | _          |
|           |          | 8             | 325872.0                | 57.1                   | 7                         | 1                                | 1641.0     | -          | -          |
|           |          | 9             | 475841.0                | 88.9                   | 17                        | 3                                | 1886.0     | 1964.0     | 1489.0     |
|           |          | 10            | 1489.0                  | 72.0                   | 12                        | 2                                | 1909.0     | 1297.0     | _          |
|           |          | 11            | 153647.0                | 90.9                   | 18                        | 3                                | 1261.0     | 1566.0     | 1370.0     |
|           |          | 12            | 307096.0                | 59.8                   | 8                         | 1                                | 1552.0     | _          | _          |
|           |          | 13            | 458804.0                | 70.0                   | 11                        | 2                                | 1759.0     | 1291.0     | _          |
|           |          | 14            | 610798.0                | 67.2                   | 10                        | 2                                | 1625.0     | 1881.0     | -          |
|           |          | 15            | 134759.0                | 91.2                   | 18                        | 3                                | 1382.0     | 1832.0     | 1661.0     |
|           |          | 16            | 288306.0                | 56.5                   | 7                         | 1                                | 1483.0     | -          | -          |
|           |          | 17            | 441296.0                | 51.2                   | 5                         | 1                                | 1237.0     | _          | -          |
|           |          | 18            | 592780.0                | 74.1                   | 12                        | 2                                | 1471.0     | 1245.0     | -          |

| Sownload   15   Type 5   |         | Trial Id | Radar<br>Type | Humber of<br>Bursts | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |            |            |            |            |
|--|---------|----------|---------------|---------------------|------------------------|---------------------------|------------|------------|------------|------------|
| Burst ID   Offset (us)   Fidth (us)   PRI-2 (us)   PRI-3 (us)  | ownload | 15       | Type 5        | 14                  | 0.8571429              | 12.0000000                |            |            |            |            |
| 1       366024.0       50.2       5       1       1316.0       -       -       -         2       573452.0       62.9       9       1       1520.0       -       -       -         3       780619.0       64.7       9       1       1902.0       -       -       -         4       132455.0       83.8       15       3       1410.0       1097.0       1621.0         5       340207.0       65.4       9       1       1944.0       -       -       -         6       548208.0       53.2       6       1       1024.0       -       -       -         7       755333.0       51.7       5       1       1603.0       -       -       -         8       107117.0       78.7       14       2       1804.0       1168.0       -         9       314500.0       72.4       12       2       1030.0       1343.0       -         10       522447.0       53.8       6       1       1327.0       -       -         11       728517.0       73.6       12       2       1524.0       1553.0       -         12 |         |          | Burst ID      | Offset              | Pulse<br>Tidth (us)    | Ti dth                    | Pulses per | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |
| 2       573452.0       62.9       9       1       1520.0       -       -       -         3       780619.0       64.7       9       1       1902.0       -       -       -         4       132455.0       83.8       15       3       1410.0       1097.0       1621.0         5       340207.0       65.4       9       1       1944.0       -       -       -         6       548208.0       53.2       6       1       1024.0       -       -       -         7       755333.0       51.7       5       1       1603.0       -       -       -         8       107117.0       78.7       14       2       1804.0       1168.0       -         9       314500.0       72.4       12       2       1030.0       1343.0       -         10       522447.0       53.8       6       1       1327.0       -       -         11       728617.0       73.6       12       2       1524.0       1553.0       -         12       81611.0       66.7       10       2       1722.0       1122.0       -              |         |          | 0             | 158286.0            | 76.9                   | 13                        | 2          | 1110.0     | 1140.0     | -          |
| 3       780619.0       64.7       9       1       1902.0       -       -       -         4       132455.0       83.8       15       3       1410.0       1097.0       1621.0         5       340207.0       65.4       9       1       1944.0       -       -         6       548208.0       53.2       6       1       1024.0       -       -         7       755333.0       51.7       5       1       1603.0       -       -         8       107117.0       78.7       14       2       1804.0       1168.0       -         9       314500.0       72.4       12       2       1030.0       1343.0       -         10       522447.0       53.8       6       1       1327.0       -       -         11       728617.0       73.6       12       2       1524.0       1553.0       -         12       81611.0       66.7       10       2       1722.0       1122.0       -   |         |          | 1             | 366024.0            | 50.2                   | 5                         | 1          | 1316.0     | -          | -          |
| 4     132455.0     83.8     15     3     1410.0     1097.0     1621.0       5     340207.0     65.4     9     1     1944.0     -     -       6     548208.0     53.2     6     1     1024.0     -     -       7     755333.0     51.7     5     1     1603.0     -     -       8     107117.0     78.7     14     2     1804.0     1168.0     -       9     314500.0     72.4     12     2     1030.0     1343.0     -       10     522447.0     53.8     6     1     1327.0     -     -       11     728617.0     73.6     12     2     1524.0     1553.0     -       12     81611.0     66.7     10     2     1722.0     1122.0     -  |         |          | 2             | 573452.0            | 62.9                   | 9                         | 1          | 1520.0     | -          | -          |
| 5     340207.0     65.4     9     1     1944.0     -     -       6     548208.0     53.2     6     1     1024.0     -     -       7     755333.0     51.7     5     1     1603.0     -     -       8     107117.0     78.7     14     2     1804.0     1168.0     -       9     314500.0     72.4     12     2     1030.0     1343.0     -       10     522447.0     53.8     6     1     1327.0     -     -       11     728517.0     73.6     12     2     1524.0     1553.0     -       12     81611.0     66.7     10     2     1722.0     1122.0     -  |         |          | 3             | 780619.0            | 64. 7                  | 9                         | 1          | 1902.0     | -          | -          |
| 6 548208.0 53.2 6 1 1024.0   |         |          | 4             | 132455.0            | 83.8                   | 15                        | 3          | 1410.0     | 1097.0     | 1621.0     |
| 7 755333.0 51.7 5 1 1603.0   8 107117.0 78.7 14 2 1804.0 1168.0 -   9 314500.0 72.4 12 2 1030.0 1343.0 -   10 522447.0 53.8 6 1 1327.0   11 728517.0 73.6 12 2 1524.0 1553.0 -   12 81611.0 66.7 10 2 1722.0 1122.0 -  |         |          | 5             | 340207.0            | 65.4                   | 9                         | 1          | 1944.0     | -          | -          |
| 8     107117.0     78.7     14     2     1804.0     1168.0     -       9     314500.0     72.4     12     2     1030.0     1343.0     -       10     522447.0     53.8     6     1     1327.0     -     -       11     728517.0     73.6     12     2     1524.0     1553.0     -       12     81611.0     66.7     10     2     1722.0     1122.0     -   |         |          | 6             | 548208.0            | 53.2                   | 6                         | 1          | 1024.0     | -          | -          |
| 9 314500.0 72.4 12 2 1030.0 1343.0 - 10 522447.0 53.8 6 1 1327.0 - 11 728517.0 73.6 12 2 1524.0 1553.0 - 12 81611.0 66.7 10 2 1722.0 1122.0 -  |         |          | 7             | 755333.0            | 51.7                   | 5                         | 1          | 1603.0     | -          | -          |
| 10 522447.0 53.8 6 1 1327.0 1 11 728517.0 73.6 12 2 1524.0 1553.0 - 1 12 81611.0 66.7 10 2 1722.0 1122.0 -   |         |          | 8             | 107117.0            | 78. 7                  | 14                        | 2          | 1804.0     | 1168.0     | -          |
| 11 728517.0 73.6 12 2 1524.0 1553.0 -<br>12 81611.0 66.7 10 2 1722.0 1122.0 -  |         |          | 9             | 314500.0            | 72. 4                  | 12                        | 2          | 1030.0     | 1343.0     | _          |
| 12 81611.0 66.7 10 2 1722.0 1122.0 -   |         |          | 10            | 522447.0            | 53.8                   | 6                         | 1          | 1327.0     | -          | -          |
|  |         |          | 11            | 728517.0            | 73.6                   | 12                        | 2          | 1524.0     | 1553.0     | -          |
| 13 288948.0 82.5 15 2 1404.0 1019.0 -  |         |          | 12            | 81611.0             | 66. 7                  | 10                        | 2          | 1722.0     | 1122.0     | -          |
|  |         |          | 13            | 288948.0            | 82.5                   | 15                        | 2          | 1404.0     | 1019.0     | -          |



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| Trial List — |          |               |                         |                        |                           |                                  |            |            |            |  |
|--------------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|--|
|              | Trial Id | Radar<br>Type | Humber of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |  |
| Download     | 16       | Type 5        | 20                      | 0.6000000              | 12.0000000                |                                  |            |            |            |  |
|              |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Tidth (us)    | Chirp<br>Vidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |  |
|              |          | 0             | 345766.0                | 87.6                   | 17                        | 3                                | 1565.0     | 1055.0     | 1840.0     |  |
|              |          | 1             | 490019.0                | 85.2                   | 16                        | 3                                | 1735.0     | 1541.0     | 1408.0     |  |
|              |          | 2             | 39073.0                 | 84.8                   | 16                        | 3                                | 1534.0     | 1889.0     | 1463.0     |  |
|              |          | 3             | 183923.0                | 77.9                   | 13                        | 2                                | 1749.0     | 1460.0     | -          |  |
|              |          | 4             | 328777.0                | 76.5                   | 13                        | 2                                | 1518.0     | 1485.0     | -          |  |
|              |          | 5             | 474728.0                | 60.9                   | 8                         | 1                                | 1540.0     | _          | -          |  |
|              |          | 6             | 21394.0                 | 83.0                   | 15                        | 2                                | 1080.0     | 1010.0     | -          |  |
|              |          | 7             | 165992.0                | 80.4                   | 14                        | 2                                | 1824.0     | 1752.0     | -          |  |
|              |          | 8             | 310973.0                | 67.5                   | 10                        | 2                                | 1764.0     | 1181.0     | -          |  |
|              |          | 9             | 456884.0                | 62.1                   | 8                         | 1                                | 1495.0     | -          | -          |  |
|              |          | 10            | 3515.0                  | 86.4                   | 16                        | 3                                | 1773.0     | 1966.0     | 1263.0     |  |
|              |          | 11            | 147928.0                | 84.3                   | 15                        | 3                                | 1593.0     | 1188.0     | 1788.0     |  |
|              |          | 12            | 293225.0                | 76.9                   | 13                        | 2                                | 1226.0     | 1537.0     | -          |  |
|              |          | 13            | 436922.0                | 95.8                   | 19                        | 3                                | 1192.0     | 1298.0     | 1844.0     |  |
|              |          | 14            | 584015.0                | 55.2                   | 6                         | 1                                | 1644.0     | -          | -          |  |
|              |          | 15            | 130832.0                | 59.0                   | 7                         | 1                                | 1402.0     | -          | -          |  |
|              |          | 16            | 274684.0                | 94.5                   | 19                        | 3                                | 1296.0     | 1700.0     | 1283.0     |  |
|              |          | 17            | 418579.0                | 91.9                   | 18                        | 3                                | 1970.0     | 1978.0     | 1165.0     |  |
|              |          | 18            | 563464.0                | 85.2                   | 16                        | 3                                | 1732.0     | 1551.0     | 1189.0     |  |
|              |          | 19            | 112787.0                | 69.5                   | 11                        | 2                                | 1038.0     | 1224.0     | -          |  |

| al List — |          |               | all the same of th |                        |                           |                                  | 211111111  |            |            |
|-----------|----------|---------------|--|------------------------|---------------------------|----------------------------------|------------|------------|------------|
| rial List | Trial Id | Radar<br>Type | Number of<br>Bursts  | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |
| Download  | 17       | Type 5        | 12   | 1.0000000              | 12.0000000                |                                  |            |            |            |
|           |          | Burst ID      | Burst<br>Offset<br>(us)  | Pulse<br>Vidth (us)    | Chirp<br>Tidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |
|           |          | 0             | 429224.0   | 86.4                   | 16                        | 3                                | 1259.0     | 1918.0     | 1455.0     |
|           |          | 1             | 670241.0   | 92.2                   | 18                        | 3                                | 1598.0     | 1719.0     | 1895.0     |
|           |          | 2             | 912880.0   | 80.4                   | 14                        | 2                                | 1816.0     | 1899.0     | _          |
|           |          | 3             | 158603.0   | 54.3                   | 6                         | 1                                | 1335.0     | -          | -          |
|           |          | 4             | 400824.0   | 53.1                   | 5                         | 1                                | 1303.0     | -          | -          |
|           |          | 5             | 641915.0   | 69.4                   | 11                        | 2                                | 1503.0     | 1546.0     | _          |
|           |          | 6             | 883823.0   | 69.1                   | 11                        | 2                                | 1279.0     | 1639.0     | _          |
|           |          | 7             | 128373.0   | 100.0                  | 20                        | 3                                | 1375.0     | 1438.0     | 1595.0     |
|           |          | 8             | 370379.0   | 79.6                   | 14                        | 2                                | 1239.0     | 1705.0     | _          |
|           |          | 9             | 611194.0   | 88.4                   | 17                        | 3                                | 1374.0     | 1579.0     | 1623.0     |
|           |          | 10            | 855665.0   | 53.3                   | 6                         | 1                                | 1016.0     | -          | _          |
|           |          | 11            | 98897.0  | 65.3                   | 9                         | 1                                | 1709.0     | -          | _          |
|           |          |               |  |                        | +                         |                                  | •          | -          | -          |



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| ri | al List — |          |               |                         |                        |                           |                                  |            |            |            |
|----|-----------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|
|    |           | Trial Id | Radar<br>Type | Number of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |
| 3  | Download  | 18       | Type 5        | 14                      | 0.8571429              | 12.0000000                |                                  |            |            |            |
|    |           |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Tidth (us)    | Chirp<br>Vidth<br>(WHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |
|    |           |          | 0             | 292143.0                | 55.3                   | 6                         | 1                                | 1920.0     | -          | -          |
|    |           |          | 1             | 499633.0                | 58.3                   | 7                         | 1                                | 1797.0     | -          | -          |
|    |           |          | 2             | 706377.0                | 72.3                   | 12                        | 2                                | 1610.0     | 1039.0     | -          |
|    |           |          | 3             | 58989.0                 | 84.8                   | 16                        | 3                                | 1131.0     | 1761.0     | 1721.0     |
|    |           |          | 4             | 266161.0                | 82.5                   | 15                        | 2                                | 1875.0     | 1431.0     | -          |
|    |           |          | 5             | 474469.0                | 63.3                   | 9                         | 1                                | 1095.0     | _          | -          |
|    |           |          | 6             | 680544.0                | 80.0                   | 14                        | 2                                | 1119.0     | 1913.0     | -          |
|    |           |          | 7             | 33519.0                 | 90.3                   | 17                        | 3                                | 1660.0     | 1853.0     | 1123.0     |
|    |           |          | 8             | 240319.0                | 91.1                   | 18                        | 3                                | 1539.0     | 1783.0     | 1172.0     |
|    |           |          | 9             | 447400.0                | 96.6                   | 19                        | 3                                | 1525.0     | 1036.0     | 1385.0     |
|    |           |          | 10            | 654516.0                | 82. 7                  | 15                        | 2                                | 1710.0     | 1990.0     | -          |
|    |           |          | 11            | 8083.0                  | 50. 7                  | 5                         | 1                                | 1234.0     | -          | -          |
|    |           |          | 12            | 215435.0                | 78.4                   | 14                        | 2                                | 1047.0     | 1109.0     | -          |
|    |           |          | 13            | 421325.0                | 99.5                   | 20                        | 3                                | 1299.0     | 1965.0     | 1869.0     |

Radar Type 5- Radar Waveform-19

| -Tr | ial List — |          |               |                         |                        |                           |                                  |            |            |            |  |
|-----|------------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|--|
|     |            | Trial Id | Radar<br>Type | Humber of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |  |
| Θ   | Download   | 19       | Type 5        | 12                      | 1.0000000              | 12.0000000                |                                  |            |            |            |  |
|     |            |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Tidth (us)    | Chirp<br>Tidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |  |
|     |            |          | 0             | 733725.0                | 88.6                   | 17                        | 3                                | 1501.0     | 1067.0     | 1927.0     |  |
|     |            |          | 1             | 977882.0                | 57.4                   | 7                         | 1                                | 1723.0     | _          | -          |  |
|     |            |          | 2             | 221197.0                | 96.6                   | 19                        | 3                                | 1086.0     | 1658.0     | 1324.0     |  |
|     |            |          | 3             | 462915.0                | 69. 7                  | 11                        | 2                                | 1751.0     | 1945.0     | -          |  |
|     |            |          | 4             | 705071.0                | 77.9                   | 13                        | 2                                | 1642.0     | 1317.0     | -          |  |
| Γ   |            |          | 5             | 947923.0                | 62.0                   | 8                         | 1                                | 1866.0     | -          | -          |  |
|     |            |          | 6             | 191373.0                | 88.4                   | 17                        | 3                                | 1997.0     | 1077.0     | 1366.0     |  |
|     |            |          | 7             | 432561.0                | 97.3                   | 20                        | 3                                | 1790.0     | 1896.0     | 1367.0     |  |
|     |            |          | 8             | 674004.0                | 96.2                   | 19                        | 3                                | 1391.0     | 1787.0     | 1672.0     |  |
|     |            |          | 9             | 915842.0                | 95.4                   | 19                        | 3                                | 1020.0     | 1892.0     | 1414.0     |  |
|     |            |          | 10            | 162176.0                | 54.8                   | 6                         | 1                                | 1084.0     | _          | -          |  |
|     |            |          | 11            | 403553.0                | 80.4                   | 14                        | 2                                | 1850.0     | 1436.0     | _          |  |



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| Trial List — |          |               |                         |                        |                           |                                  |            |            |            |  |
|--------------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|--|
|              | Trial Id | Radar<br>Type | Humber of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |  |
| Download     | 20       | Type 5        | 16                      | 0. 7500000             | 12.0000000                |                                  |            |            |            |  |
|              |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Tidth (us)    | Chirp<br>Vidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |  |
|              |          | 0             | 483470.0                | 74. 7                  | 12                        | 2                                | 1619.0     | 1611.0     | _          |  |
|              |          | 1             | 666072.0                | 57.1                   | 7                         | 1                                | 1560.0     | -          | _          |  |
|              |          | 2             | 98810.0                 | 91.9                   | 18                        | 3                                | 1392.0     | 1475.0     | 1276.0     |  |
|              |          | 3             | 279914.0                | 83. 1                  | 15                        | 2                                | 1809.0     | 1772.0     | _          |  |
|              |          | 4             | 462536.0                | 50. 7                  | 5                         | 1                                | 1003.0     | _          | _          |  |
|              |          | 5             | 642324.0                | 79.2                   | 14                        | 2                                | 1574.0     | 1600.0     | _          |  |
|              |          | 6             | 76831.0                 | 58. 7                  | 7                         | 1                                | 1186.0     | _          | _          |  |
|              |          | 7             | 257785.0                | 71.0                   | 11                        | 2                                | 1521.0     | 1567.0     | _          |  |
|              |          | 8             | 438554.0                | 79.0                   | 14                        | 2                                | 1777.0     | 1960.0     | _          |  |
|              |          | 9             | 620397.0                | 68.5                   | 10                        | 2                                | 1284.0     | 1428.0     | _          |  |
|              |          | 10            | 54310.0                 | 73.5                   | 12                        | 2                                | 1904.0     | 1352.0     | _          |  |
|              |          | 11            | 235506.0                | 70.5                   | 11                        | 2                                | 1864.0     | 1115.0     | _          |  |
|              |          | 12            | 417036.0                | 76.6                   | 13                        | 2                                | 1045.0     | 1300.0     | _          |  |
|              |          | 13            | 597974.0                | 81.2                   | 14                        | 2                                | 1160.0     | 1675.0     | _          |  |
|              |          | 14            | 32086.0                 | 61.8                   | 8                         | 1                                | 1277.0     | -          | _          |  |
|              |          | 15            | 212751.0                | 94.9                   | 19                        | 3                                | 1450.0     | 1206.0     | 1860.0     |  |

| r             | ial List — |          |               |                         |                        |                           |                                  |            |            |            |
|---------------|------------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|
|               |            | Trial Id | Radar<br>Type | Humber of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |
| 3             | Download   | 21       | Туре 5        | 12                      | 1.0000000              | 12.0000000                |                                  |            |            |            |
|               |            |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Tidth (us)    | Chirp<br>Vidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |
|               |            |          | 0             | 526149.0                | 78.5                   | 14                        | 2                                | 1653.0     | 1698.0     | -          |
|               |            |          | 1             | 767135.0                | 89.8                   | 17                        | 3                                | 1174.0     | 1962.0     | 1167.0     |
|               |            |          | 2             | 12955.0                 | 59.4                   | 8                         | 1                                | 1982.0     | _          | -          |
|               |            |          | 3             | 254612.0                | 79.6                   | 14                        | 2                                | 1633.0     | 1890.0     | -          |
|               |            |          | 4             | 496588.0                | 76.0                   | 13                        | 2                                | 1112.0     | 1811.0     | -          |
|               |            |          | 5             | 739728.0                | 53.6                   | 6                         | 1                                | 1144.0     | _          | -          |
|               |            |          | 6             | 980872.0                | 80.9                   | 14                        | 2                                | 1220.0     | 1053.0     | -          |
|               |            |          | 7             | 225249.0                | 61.6                   | 8                         | 1                                | 1724.0     | -          | -          |
|               |            |          | 8             | 467279.0                | 53.4                   | 6                         | 1                                | 1901.0     | -          | -          |
|               |            |          | 9             | 709720.0                | 59.9                   | 8                         | 1                                | 1379.0     | -          | -          |
|               |            |          | 10            | 951847.0                | 60.4                   | 8                         | 1                                | 1453.0     | -          | -          |
|               |            |          | 11            | 194839.0                | 91.4                   | 18                        | 3                                | 1768.0     | 1726.0     | 1227.0     |
| $\overline{}$ |            |          |               |                         |                        |                           |                                  | -          |            |            |



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| rial List — |          |               |                         |                        |                           |                                  |            |            |            |
|-------------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|
|             | Trial Id | Radar<br>Type | Humber of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |
| Download    | 22       | Туре 5        | 20                      | 0.6000000              | 12.0000000                |                                  |            |            |            |
|             |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Vidth (us)    | Chirp<br>Tidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |
|             |          | 0             | 261858.0                | 77.0                   | 13                        | 2                                | 1191.0     | 1363.0     | -          |
|             |          | 1             | 407646.0                | 58.1                   | 7                         | 1                                | 1248.0     | -          | -          |
|             |          | 2             | 552319.0                | 62.1                   | 8                         | 1                                | 1836.0     | -          | _          |
|             |          | 3             | 99107.0                 | 76.9                   | 13                        | 2                                | 1334.0     | 1236.0     | _          |
|             |          | 4             | 243514.0                | 80.0                   | 14                        | 2                                | 1914.0     | 1852.0     | _          |
|             |          | 5             | 389464.0                | 52.0                   | 5                         | 1                                | 1701.0     | _          | -          |
|             |          | 6             | 531093.0                | 88.6                   | 17                        | 3                                | 1693.0     | 1995.0     | 1905.0     |
|             |          | 7             | 81159.0                 | 72.9                   | 12                        | 2                                | 1922.0     | 1387.0     | -          |
|             |          | 8             | 225245.0                | 98.5                   | 20                        | 3                                | 1839.0     | 1746.0     | 1389.0     |
|             |          | 9             | 371906.0                | 57.9                   | 7                         | 1                                | 1193.0     | -          | -          |
|             |          | 10            | 514197.0                | 95.9                   | 19                        | 3                                | 1659.0     | 1870.0     | 1066.0     |
|             |          | 11            | 63561.0                 | 53.5                   | 6                         | 1                                | 1162.0     | -          | -          |
|             |          | 12            | 207510.0                | 92.0                   | 18                        | 3                                | 1745.0     | 1654.0     | 1458.0     |
|             |          | 13            | 353638.0                | 57.3                   | 7                         | 1                                | 1834.0     | _          | -          |
|             |          | 14            | 497515.0                | 70.5                   | 11                        | 2                                | 1684.0     | 1586.0     | -          |
|             |          | 15            | 45553.0                 | 70.0                   | 11                        | 2                                | 1042.0     | 1664.0     | -          |
|             |          | 16            | 189821.0                | 84.0                   | 15                        | 3                                | 1765.0     | 1630.0     | 1176.0     |
|             |          | 17            | 335330.0                | 76.1                   | 13                        | 2                                | 1557.0     | 1057.0     | -          |
|             |          | 18            | 478825.0                | 93.2                   | 18                        | 3                                | 1985.0     | 1018.0     | 1340.0     |
|             |          | 19            | 27594.0                 | 96.8                   | 19                        | 3                                | 1760.0     | 1614.0     | 1817.0     |

Radar Type 5- Radar Waveform-23

|          | Trial Id | Radar<br>Type | Humber of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |
|----------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|
| Download | 23       | Туре 5        | 14                      | 0.8571429              | 12.0000000                |                                  |            |            |            |
|          |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Tidth (us)    | Chirp<br>Tidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |
|          |          | 0             | 247117.0                | 50.1                   | 5                         | 1                                | 1841.0     | -          | -          |
|          |          | 1             | 453362.0                | 93.5                   | 18                        | 3                                | 1590.0     | 1081.0     | 1413.0     |
|          |          | 2             | 660875.0                | 68.8                   | 11                        | 2                                | 1707.0     | 1577.0     | -          |
|          |          | 3             | 14140.0                 | 56.3                   | 7                         | 1                                | 1056.0     | -          | -          |
|          |          | 4             | 220734.0                | 86.0                   | 16                        | 3                                | 1953.0     | 1108.0     | 1987.0     |
|          |          | 5             | 428367.0                | 75.2                   | 13                        | 2                                | 1572.0     | 1536.0     | -          |
|          |          | 6             | 636681.0                | 54.4                   | 6                         | 1                                | 1517.0     | -          | -          |
|          |          | 7             | 843157.0                | 71.1                   | 11                        | 2                                | 1329.0     | 1243.0     | -          |
|          |          | 8             | 195585.0                | 76.2                   | 13                        | 2                                | 1940.0     | 1770.0     | -          |
|          |          | 9             | 403231.0                | 80.2                   | 14                        | 2                                | 1098.0     | 1209.0     | -          |
|          |          | 10            | 610202.0                | 79. 7                  | 14                        | 2                                | 1588.0     | 1214.0     | -          |
|          |          | 11            | 815229.0                | 90.9                   | 18                        | 3                                | 1615.0     | 1862.0     | 1601.0     |
|          |          | 12            | 170267.0                | 68. 7                  | 10                        | 2                                | 1377.0     | 1441.0     | -          |
|          |          | 13            | 377306.0                | 67.4                   | 10                        | 2                                | 1872.0     | 1313.0     | -          |
|          |          |               |                         |                        |                           |                                  |            |            |            |



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# Radar Type 5- Radar Waveform-24

| i | al List — |          |               |                         |                        |                           |                                  |            |            |            |
|---|-----------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|
| T |           | Trial Id | Radar<br>Type | Mumber of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |
| 3 | Download  | 24       | Type 5        | 13                      | 0.9230769              | 12.0000000                |                                  |            |            |            |
|   |           |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Vidth (us)    | Chirp<br>Tidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |
|   |           |          | 0             | 628071.0                | 94.0                   | 19                        | 3                                | 1643.0     | 1748.0     | 1941.0     |
|   |           |          | 1             | 853391.0                | 70.8                   | 11                        | 2                                | 1177.0     | 1201.0     | -          |
|   |           |          | 2             | 156223.0                | 56.3                   | 7                         | 1                                | 1006.0     | _          | -          |
|   |           |          | 3             | 378734.0                | 96. 7                  | 19                        | 3                                | 1230.0     | 1163.0     | 1332.0     |
|   |           |          | 4             | 601331.0                | 90.6                   | 17                        | 3                                | 1217.0     | 1582.0     | 1498.0     |
|   |           |          | 5             | 825462.0                | 74.5                   | 12                        | 2                                | 1569.0     | 1281.0     | -          |
|   |           |          | 6             | 128265.0                | 92.6                   | 18                        | 3                                | 1065.0     | 1669.0     | 1222.0     |
|   |           |          | 7             | 351161.0                | 89.0                   | 17                        | 3                                | 1493.0     | 1135.0     | 1380.0     |
|   |           |          | 8             | 573425.0                | 96.5                   | 19                        | 3                                | 1607.0     | 1822.0     | 1602.0     |
|   |           |          | 9             | 798431.0                | 70.5                   | 11                        | 2                                | 1141.0     | 1178.0     | -          |
|   |           |          | 10            | 100737.0                | 94.0                   | 19                        | 3                                | 1009.0     | 1629.0     | 1956.0     |
|   |           |          | 11            | 324661.0                | 55.8                   | 6                         | 1                                | 1290.0     | -          | -          |
|   |           |          | 12            | 546278.0                | 87. 7                  | 17                        | 3                                | 1435.0     | 1963.0     | 1164.0     |

| _T | rial List — |          |               |                         |                        |                           |                                  |            |            |            |  |
|----|-------------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|--|
|    |             | Trial Id | Radar<br>Type | Number of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |  |
| E  | Download    | 25       | Type 5        | 8                       | 1.5000000              | 12.0000000                |                                  |            |            |            |  |
|    |             |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Width (us)    | Chirp<br>Vidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |  |
|    |             |          | 0             | 1253842.0               | 68.6                   | 10                        | 2                                | 1306.0     | 1161.0     | _          |  |
|    |             |          | 1             | 119486.0                | 83. 1                  | 15                        | 2                                | 1420.0     | 1315.0     | _          |  |
|    |             |          | 2             | 482958.0                | 60.9                   | 8                         | 1                                | 1687.0     | -          | _          |  |
|    |             |          | 3             | 845641.0                | 77. 7                  | 13                        | 2                                | 1776.0     | 1158.0     | _          |  |
|    |             |          | 4             | 1208428.0               | 77.4                   | 13                        | 2                                | 1793.0     | 1510.0     | _          |  |
|    |             |          | 5             | 74748.0                 | 66.8                   | 10                        | 2                                | 1576.0     | 1323.0     | _          |  |
|    |             |          | 6             | 438300.0                | 63. 7                  | 9                         | 1                                | 1333.0     | -          | -          |  |
|    |             |          | 7             | 800152.0                | 91.2                   | 18                        | 3                                | 1409.0     | 1681.0     | 1275.0     |  |



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# Radar Type 5- Radar Waveform-26

| rial List — |          |               |                         |                        |                           |                                  |            |            |            |  |
|-------------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|--|
|             | Trial Id | Radar<br>Type | Mumber of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |  |
| Download    | 26       | Type 5        | 17                      | 0. 7058824             | 12.0000000                |                                  |            |            |            |  |
|             |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Tidth (us)    | Chirp<br>Vidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |  |
|             |          | 0             | 545865.0                | 83.6                   | 15                        | 3                                | 1632.0     | 1195.0     | 1000.0     |  |
|             |          | 1             | 14067.0                 | 89.4                   | 17                        | 3                                | 1173.0     | 1627.0     | 1656.0     |  |
|             |          | 2             | 184953.0                | 55.8                   | 6                         | 1                                | 1532.0     | _          | _          |  |
|             |          | 3             | 353759.0                | 90.9                   | 18                        | 3                                | 1981.0     | 1554.0     | 1998.0     |  |
|             |          | 4             | 526388.0                | 54. 7                  | 6                         | 1                                | 1825.0     | -          | -          |  |
|             |          | 5             | 694806.0                | 97. 7                  | 20                        | 3                                | 1734.0     | 1202.0     | 1250.0     |  |
|             |          | 6             | 163568.0                | 67.5                   | 10                        | 2                                | 1571.0     | 1434.0     | _          |  |
|             |          | 7             | 333410.0                | 96. 7                  | 19                        | 3                                | 1589.0     | 1469.0     | 1268.0     |  |
|             |          | 8             | 504006.0                | 68.3                   | 10                        | 2                                | 1750.0     | 1954.0     | _          |  |
|             |          | 9             | 675297.0                | 78.3                   | 14                        | 2                                | 1591.0     | 1082.0     | -          |  |
|             |          | 10            | 142890.0                | 55.0                   | 6                         | 1                                | 1427.0     | -          | -          |  |
|             |          | 11            | 312479.0                | 84.9                   | 16                        | 3                                | 1129.0     | 1936.0     | 1199.0     |  |
|             |          | 12            | 482953.0                | 74.6                   | 12                        | 2                                | 1959.0     | 1856.0     | _          |  |
|             |          | 13            | 655022.0                | 63.3                   | 9                         | 1                                | 1885.0     | -          | -          |  |
|             |          | 14            | 121457.0                | 99.8                   | 20                        | 3                                | 1035.0     | 1515.0     | 1120.0     |  |
|             |          | 15            | 292606.0                | 63.6                   | 9                         | 1                                | 1647.0     | -          | _          |  |
|             |          | 16            | 461322.0                | 87.3                   | 16                        | 3                                | 1931.0     | 1051.0     | 1831.0     |  |

| - |          |          |               |                         |                        |                           |                                  |            |            |            |
|---|----------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|
|   |          | Trial Id | Radar<br>Type | Humber of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |
| ı | Download | 27       | Type 5        | 19                      | 0.6315789              | 12.0000000                |                                  |            |            |            |
|   |          |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Tidth (us)    | Chirp<br>Vidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |
|   |          |          | 0             | 565136.0                | 85.6                   | 16                        | 3                                | 1946.0     | 1078.0     | 1015.0     |
|   |          |          | 1             | 89970.0                 | 68.6                   | 10                        | 2                                | 1029.0     | 1780.0     | -          |
|   |          |          | 2             | 243121.0                | 54.2                   | 6                         | 1                                | 1111.0     | -          | -          |
|   |          |          | 3             | 396034.0                | 61.2                   | 8                         | 1                                | 1104.0     | -          | -          |
|   |          |          | 4             | 546225.0                | 97.1                   | 20                        | 3                                | 1157.0     | 1969.0     | 1100.0     |
|   |          |          | 5             | 70998.0                 | 98.3                   | 20                        | 3                                | 1142.0     | 1699.0     | 1622.0     |
|   |          |          | 6             | 224093.0                | 62.4                   | 8                         | 1                                | 1655.0     | -          | -          |
|   |          |          | 7             | 376127.0                | 80.2                   | 14                        | 2                                | 1126.0     | 1769.0     | -          |
|   |          |          | 8             | 527806.0                | 87.5                   | 17                        | 3                                | 1216.0     | 1448.0     | 1179.0     |
|   |          |          | 9             | 52247.0                 | 85.8                   | 16                        | 3                                | 1847.0     | 1348.0     | 1472.0     |
|   |          |          | 10            | 204582.0                | 88. 1                  | 17                        | 3                                | 1023.0     | 1124.0     | 1631.0     |
|   |          |          | 11            | 357941.0                | 65.3                   | 9                         | 1                                | 1848.0     | -          | -          |
|   |          |          | 12            | 510977.0                | 52.5                   | 5                         | 1                                | 1470.0     | -          | -          |
|   |          |          | 13            | 33698.0                 | 52.3                   | 5                         | 1                                | 1312.0     | -          | -          |
|   |          |          | 14            | 186023.0                | 74.1                   | 12                        | 2                                | 1915.0     | 1200.0     | -          |
|   |          |          | 15            | 339327.0                | 54.9                   | 6                         | 1                                | 1479.0     | _          | -          |
|   |          |          | 16            | 491053.0                | 76.2                   | 13                        | 2                                | 1376.0     | 1502.0     | -          |
|   |          |          | 17            | 14858.0                 | 60.4                   | 8                         | 1                                | 1758.0     | -          | -          |
| ľ |          |          | 18            | 167387.0                | 81.5                   | 15                        | 2                                | 1491.0     | 1103.0     | _          |



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# Radar Type 5- Radar Waveform-28

| ri | al List — |          |               |                         |                        |                           |                                  |            |            |            |
|----|-----------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|
|    |           | Trial Id | Radar<br>Type | Number of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |
| 3  | Download  | 28       | Type 5        | 12                      | 1.0000000              | 12.0000000                |                                  |            |            |            |
|    |           |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Tidth (us)    | Chirp<br>Vidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |
|    |           |          | 0             | 507709.0                | 50.5                   | 5                         | 1                                | 1857.0     | -          | -          |
|    |           |          | 1             | 750249.0                | 55. 7                  | 6                         | 1                                | 1246.0     | -          | -          |
|    |           |          | 2             | 989003.0                | 85.8                   | 16                        | 3                                | 1774.0     | 1002.0     | 1967.0     |
|    |           |          | 3             | 235634.0                | 76.9                   | 13                        | 2                                | 1125.0     | 1474.0     | -          |
|    |           |          | 4             | 477675.0                | 75. 1                  | 13                        | 2                                | 1254.0     | 1052.0     | -          |
|    |           |          | 5             | 718312.0                | 92.3                   | 18                        | 3                                | 1180.0     | 1486.0     | 1492.0     |
|    |           |          | 6             | 960895.0                | 78. 1                  | 14                        | 2                                | 1301.0     | 1757.0     | -          |
|    |           |          | 7             | 205370.0                | 92.2                   | 18                        | 3                                | 1898.0     | 1252.0     | 1713.0     |
|    |           |          | 8             | 446940.0                | 89.0                   | 17                        | 3                                | 1260.0     | 1706.0     | 1411.0     |
|    |           |          | 9             | 689225.0                | 70.9                   | 11                        | 2                                | 1578.0     | 1620.0     | -          |
|    |           |          | 10            | 932305.0                | 63.1                   | 9                         | 1                                | 1782.0     | -          | -          |
|    |           |          | 11            | 176231.0                | 55.3                   | 6                         | 1                                | 1522.0     | _          | _          |

|          | Trial Id | Radar<br>Type | Number of<br>Bursts     | Burst<br>Period<br>(s) | Taveform<br>Length<br>(s) |                                  |            |            |            |
|----------|----------|---------------|-------------------------|------------------------|---------------------------|----------------------------------|------------|------------|------------|
| Download | 29       | Type 5        | 18                      | 0.6666667              | 12.0000000                |                                  |            |            |            |
|          |          | Burst ID      | Burst<br>Offset<br>(us) | Pulse<br>Tidth (us)    | Chirp<br>Vidth<br>(MHz)   | Number of<br>Pulses per<br>Burst | PRI-1 (us) | PRI-2 (us) | PRI-3 (us) |
|          |          | 0             | 277485.0                | 83. 4                  | 15                        | 3                                | 1454.0     | 1205.0     | 1801.0     |
|          |          | 1             | 437880.0                | 97.3                   | 20                        | 3                                | 1319.0     | 1826.0     | 1635.0     |
|          |          | 2             | 598445.0                | 90.4                   | 17                        | 3                                | 1079.0     | 1986.0     | 1674.0     |
|          |          | 3             | 97088.0                 | 91.8                   | 18                        | 3                                | 1563.0     | 1151.0     | 1802.0     |
|          |          | 4             | 257251.0                | 98.2                   | 20                        | 3                                | 1876.0     | 1977.0     | 1766.0     |
|          |          | 5             | 419893.0                | 59.5                   | 8                         | 1                                | 1952.0     | -          | -          |
|          |          | 6             | 580724.0                | 80.0                   | 14                        | 2                                | 1253.0     | 1137.0     | -          |
|          |          | 7             | 77366.0                 | 86.5                   | 16                        | 3                                | 1054.0     | 1128.0     | 1828.0     |
|          |          | 8             | 238032.0                | 91.1                   | 18                        | 3                                | 1105.0     | 1599.0     | 1442.0     |
|          |          | 9             | 398605.0                | 93.5                   | 18                        | 3                                | 1867.0     | 1373.0     | 1087.0     |
|          |          | 10            | 562025.0                | 60. 7                  | 8                         | 1                                | 1033.0     | -          | -          |
|          |          | 11            | 57684.0                 | 67.2                   | 10                        | 2                                | 1288.0     | 1405.0     | -          |
|          |          | 12            | 219083.0                | 61.8                   | 8                         | 1                                | 1585.0     | -          | _          |
|          |          | 13            | 379234.0                | 79. 4                  | 14                        | 2                                | 1933.0     | 1667.0     | -          |
|          |          | 14            | 540896.0                | 81.4                   | 15                        | 2                                | 1096.0     | 1464.0     | -          |
|          |          | 15            | 37916.0                 | 65. 7                  | 10                        | 1                                | 1496.0     | -          | -          |
|          |          | 16            | 198794.0                | 76.0                   | 13                        | 2                                | 1733.0     | 1255.0     | -          |
|          |          | 17            | 359754.0                | 81.0                   | 14                        | 2                                | 1326.0     | 1668.0     | _          |



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| Tr | ial List —— |          |                         |                        |          |                   |                          |                                       |                                |
|----|-------------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|
|    |             | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |
| Θ  | Download    | 0        | Type 6                  | 1.0                    | 333.3    | 9                 | 0.3333                   | 300.0000000                           | 32                             |
|    |             |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |
|    |             |          | 0                       | 5364                   | 5717     | 5334              | 5705                     | 5549                                  |                                |
|    |             |          | 5                       | 5312                   | 5260     | 5635              | 5503                     | 5570                                  |                                |
|    |             |          | 10                      | 5347                   | 5508     | 5292              | 5447                     | 5588                                  |                                |
|    |             |          | 15                      | 5621                   | 5638     | 5296              | 5482                     | 5455                                  |                                |
|    |             |          | 20                      | 5636                   | 5593     | 5434              | 5306                     | 5411                                  |                                |
|    |             |          | 25                      | 5556                   | 5378     | 5478              | 5432                     | 5341                                  |                                |
|    |             |          | 30                      | 5438                   | 5294     | 5496              | 5285                     | 5327                                  |                                |
|    |             |          | 35                      | 5293                   | 5502     | 5277              | 5403                     | 5330                                  |                                |
|    |             |          | 40                      | 5612                   | 5720     | 5544              | 5615                     | 5561                                  |                                |
|    |             |          | 45                      | 5676                   | 5704     | 5366              | 5290                     | 5387                                  |                                |
|    |             |          | 50                      | 5278                   | 5723     | 5383              | 5368                     | 5263                                  |                                |
|    |             |          | 55                      | 5630                   | 5375     | 5718              | 5281                     | 5604                                  |                                |
|    |             |          | 60                      | 5453                   | 5509     | 5479              | 5400                     | 5262                                  |                                |
|    |             |          | 65                      | 5354                   | 5467     | 5545              | 5466                     | 5611                                  |                                |
|    |             |          | 70                      | 5715                   | 5402     | 5568              | 5641                     | 5396                                  |                                |
|    |             |          | 75                      | 5567                   | 5557     | 5674              | 5359                     | 5392                                  |                                |
|    |             |          | 80                      | 5313                   | 5537     | 5258              | 5475                     | 5272                                  |                                |
|    |             |          | 85                      | 5388                   | 5474     | 5555              | 5410                     | 5355                                  |                                |
|    |             |          | 90                      | 5517                   | 5382     | 5386              | 5664                     | 5697                                  |                                |
|    |             |          | 95                      | 5721                   | 5268     | 5489              | 5706                     | 5525                                  |                                |



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|          | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |
|----------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|
| Download | 1        | Туре 6                  | 1.0                    | 333.3    | 9                 | 0.3333                   | 300.0000000                           | 27                             |
|          |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |
|          |          | 0                       | 5619                   | 5578     | 5270              | 5294                     | 5354                                  |                                |
|          |          | 5                       | 5660                   | 5710     | 5666              | 5399                     | 5656                                  |                                |
|          |          | 10                      | 5297                   | 5333     | 5642              | 5609                     | 5709                                  |                                |
|          |          | 15                      | 5668                   | 5527     | 5647              | 5547                     | 5284                                  |                                |
|          |          | 20                      | 5375                   | 5395     | 5384              | 5444                     | 5705                                  |                                |
|          |          | 25                      | 5584                   | 5536     | 5480              | 5658                     | 5453                                  |                                |
|          |          | 30                      | 5403                   | 5576     | 5588              | 5641                     | 5465                                  |                                |
|          |          | 35                      | 5674                   | 5580     | 5623              | 5559                     | 5627                                  |                                |
|          |          | 40                      | 5553                   | 5704     | 5673              | 5633                     | 5724                                  |                                |
|          |          | 45                      | 5373                   | 5348     | 5331              | 5513                     | 5637                                  |                                |
|          |          | 50                      | 5544                   | 5314     | 5585              | 5697                     | 5257                                  |                                |
|          |          | 55                      | 5672                   | 5471     | 5423              | 5424                     | 5638                                  |                                |
|          |          | 60                      | 5644                   | 5345     | 5569              | 5655                     | 5413                                  |                                |
|          |          | 65                      | 5271                   | 5415     | 5550              | 5371                     | 5335                                  |                                |
|          |          | 70                      | 5382                   | 5416     | 5533              | 5706                     | 5558                                  |                                |
|          |          | 75                      | 5535                   | 5692     | 5256              | 5436                     | 5716                                  |                                |
|          |          | 80                      | 5385                   | 5669     | 5458              | 5349                     | 5456                                  |                                |
|          |          | 85                      | 5336                   | 5634     | 5703              | 5352                     | 5280                                  |                                |
|          |          | 90                      | 5506                   | 5313     | 5690              | 5326                     | 5631                                  |                                |
|          |          | 95                      | 5628                   | 5546     | 5289              | 5490                     | 5590                                  |                                |



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| Tr | ial List — |          |                         |                        |          |                   |                          |                                       |                                |
|----|------------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|
|    |            | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |
|    | Download   | 2        | Туре 6                  | 1.0                    | 333.3    | 9                 | 0.3333                   | 300,0000000                           | 25                             |
|    |            |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |
|    |            |          | 0                       | 5302                   | 5342     | 5681              | 5455                     | 5611                                  |                                |
|    |            |          | 5                       | 5493                   | 5682     | 5310              | 5257                     | 5606                                  |                                |
|    |            |          | 10                      | 5587                   | 5561     | 5374              | 5362                     | 5630                                  |                                |
|    |            |          | 15                      | 5322                   | 5320     | 5502              | 5475                     | 5364                                  |                                |
|    |            |          | 20                      | 5555                   | 5353     | 5316              | 5387                     | 5357                                  |                                |
|    |            |          | 25                      | 5332                   | 5654     | 5312              | 5262                     | 5409                                  |                                |
|    |            |          | 30                      | 5522                   | 5547     | 5410              | 5618                     | 5253                                  |                                |
|    |            |          | 35                      | 5311                   | 5683     | 5556              | 5470                     | 5258                                  |                                |
|    |            |          | 40                      | 5537                   | 5398     | 5710              | 5491                     | 5469                                  |                                |
|    |            |          | 45                      | 5670                   | 5465     | 5704              | 5456                     | 5406                                  |                                |
|    |            |          | 50                      | 5384                   | 5400     | 5513              | 5720                     | 5365                                  |                                |
|    |            |          | 55                      | 5296                   | 5276     | 5641              | 5445                     | 5626                                  |                                |
|    |            |          | 60                      | 5564                   | 5620     | 5395              | 5334                     | 5290                                  |                                |
|    |            |          | 65                      | 5401                   | 5578     | 5359              | 5569                     | 5586                                  |                                |
|    |            |          | 70                      | 5282                   | 5649     | 5407              | 5368                     | 5647                                  |                                |
|    |            |          | 75                      | 5643                   | 5509     | 5592              | 5675                     | 5678                                  |                                |
|    |            |          | 80                      | 5581                   | 5275     | 5381              | 5512                     | 5600                                  |                                |
|    |            |          | 85                      | 5304                   | 5382     | 5389              | 5458                     | 5666                                  |                                |
|    |            |          | 90                      | 5419                   | 5642     | 5350              | 5526                     | 5519                                  |                                |
|    |            |          | 95                      | 5709                   | 5692     | 5418              | 5653                     | 5354                                  |                                |



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| -Tr | ial List —— |          |                         |                        |          |                   |                          |                                       |                                |
|-----|-------------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|
|     |             | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |
|     | Download    | 3        | Туре б                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300.0000000                           | 33                             |
|     |             |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |
|     |             |          | 0                       | 5557                   | 5581     | 5617              | 5616                     | 5356                                  |                                |
|     |             |          | 5                       | 5535                   | 5704     | 5385              | 5420                     | 5338                                  |                                |
|     |             |          | 10                      | 5518                   | 5350     | 5415              | 5651                     | 5313                                  |                                |
|     |             |          | 15                      | 5447                   | 5605     | 5520              | 5653                     | 5563                                  |                                |
|     |             |          | 20                      | 5519                   | 5257     | 5476              | 5330                     | 5598                                  |                                |
|     |             |          | 25                      | 5506                   | 5515     | 5366              | 5443                     | 5661                                  |                                |
|     |             |          | 30                      | 5533                   | 5367     | 5358              | 5502                     | 5606                                  |                                |
|     |             |          | 35                      | 5347                   | 5647     | 5266              | 5411                     | 5451                                  |                                |
|     |             |          | 40                      | 5334                   | 5332     | 5709              | 5667                     | 5394                                  |                                |
|     |             |          | 45                      | 5684                   | 5539     | 5464              | 5437                     | 5665                                  |                                |
|     |             |          | 50                      | 5389                   | 5421     | 5416              | 5574                     | 5488                                  |                                |
|     |             |          | 55                      | 5536                   | 5580     | 5279              | 5439                     | 5324                                  |                                |
|     |             |          | 60                      | 5499                   | 5710     | 5708              | 5404                     | 5305                                  |                                |
|     |             |          | 65                      | 5295                   | 5525     | 5589              | 5359                     | 5452                                  |                                |
|     |             |          | 70                      | 5576                   | 5272     | 5492              | 5388                     | 5551                                  |                                |
|     |             |          | 75                      | 5547                   | 5323     | 5724              | 5256                     | 5721                                  |                                |
|     |             |          | 80                      | 5293                   | 5379     | 5584              | 5361                     | 5508                                  |                                |
|     |             |          | 85                      | 5479                   | 5693     | 5341              | 5655                     | 5715                                  |                                |
|     |             |          | 90                      | 5629                   | 5494     | 5401              | 5637                     | 5423                                  |                                |
|     |             |          | 95                      | 5280                   | 5316     | 5662              | 5281                     | 5649                                  |                                |



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|          | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |
|----------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|
| Download | 4        | Type 6                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300.0000000                           | 37                             |
|          |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |
|          |          | 0                       | 5337                   | 5345     | 5553              | 5302                     | 5673                                  |                                |
|          |          | 5                       | 5577                   | 5629     | 5460              | 5583                     | 5642                                  |                                |
|          |          | 10                      | 5352                   | 5614     | 5456              | 5655                     | 5672                                  |                                |
|          |          | 15                      | 5401                   | 5574     | 5611              | 5565                     | 5370                                  |                                |
|          |          | 20                      | 5571                   | 5588     | 5295              | 5468                     | 5303                                  |                                |
|          |          | 25                      | 5486                   | 5358     | 5718              | 5470                     | 5380                                  |                                |
|          |          | 30                      | 5703                   | 5422     | 5324              | 5573                     | 5654                                  |                                |
|          |          | 35                      | 5426                   | 5263     | 5634              | 5661                     | 5462                                  |                                |
|          |          | 40                      | 5648                   | 5498     | 5270              | 5474                     | 5664                                  |                                |
|          |          | 45                      | 5701                   | 5622     | 5425              | 5490                     | 5552                                  |                                |
|          |          | 50                      | 5265                   | 5597     | 5467              | 5300                     | 5432                                  |                                |
|          |          | 55                      | 5724                   | 5437     | 5469              | 5258                     | 5715                                  |                                |
|          |          | 60                      | 5453                   | 5277     | 5637              | 5705                     | 5348                                  |                                |
|          |          | 65                      | 5593                   | 5262     | 5561              | 5251                     | 5255                                  |                                |
|          |          | 70                      | 5275                   | 5341     | 5364              | 5510                     | 5516                                  |                                |
|          |          | 75                      | 5346                   | 5712     | 5504              | 5549                     | 5356                                  |                                |
|          |          | 80                      | 5527                   | 5376     | 5264              | 5447                     | 5442                                  |                                |
|          |          | 85                      | 5454                   | 5658     | 5428              | 5544                     | 5374                                  |                                |
|          |          | 90                      | 5343                   | 5663     | 5478              | 5689                     | 5384                                  |                                |
|          |          | 95                      | 5372                   | 5707     | 5274              | 5292                     | 5466                                  |                                |



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|   |          | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |
|---|----------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|
| Θ | Download | 5        | Type 6                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300,0000000                           | 30                             |
|   |          |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |
|   |          |          | 0                       | 5592                   | 5584     | 5489              | 5463                     | 5418                                  |                                |
|   |          |          | 5                       | 5619                   | 5651     | 5535              | 5271                     | 5374                                  |                                |
|   |          |          | 10                      | 5283                   | 5500     | 5594              | 5375                     | 5693                                  |                                |
|   |          |          | 15                      | 5604                   | 5714     | 5610              | 5562                     | 5482                                  |                                |
|   |          |          | 20                      | 5279                   | 5711     | 5557              | 5276                     | 5277                                  |                                |
|   |          |          | 25                      | 5307                   | 5446     | 5574              | 5414                     | 5270                                  |                                |
|   |          |          | 30                      | 5408                   | 5281     | 5691              | 5428                     | 5624                                  |                                |
|   |          |          | 35                      | 5625                   | 5354     | 5430              | 5339                     | 5376                                  |                                |
|   |          |          | 40                      | 5487                   | 5581     | 5683              | 5617                     | 5630                                  |                                |
|   |          |          | 45                      | 5644                   | 5705     | 5483              | 5342                     | 5519                                  |                                |
|   |          |          | 50                      | 5298                   | 5518     | 5563              | 5598                     | 5437                                  |                                |
|   |          |          | 55                      | 5391                   | 5659     | 5455              | 5686                     | 5582                                  |                                |
|   |          |          | 60                      | 5697                   | 5469     | 5628              | 5294                     | 5319                                  |                                |
|   |          |          | 65                      | 5597                   | 5631     | 5521              | 5436                     | 5423                                  |                                |
|   |          |          | 70                      | 5278                   | 5665     | 5340              | 5485                     | 5466                                  |                                |
|   |          |          | 75                      | 5438                   | 5315     | 5275              | 5614                     | 5330                                  |                                |
|   |          |          | 80                      | 5520                   | 5590     | 5596              | 5264                     | 5289                                  |                                |
|   |          |          | 85                      | 5405                   | 5646     | 5526              | 5346                     | 5676                                  |                                |
|   |          |          | 90                      | 5267                   | 5539     | 5349              | 5600                     | 5258                                  |                                |
|   |          |          | 95                      | 5671                   | 5533     | 5345              | 5587                     | 5523                                  |                                |



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|   |          | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Humber |
|---|----------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|
| Θ | Download | 6        | Type 6                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300,0000000                           | 33                             |
|   |          |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |
|   |          |          | 0                       | 5372                   | 5348     | 5425              | 5624                     | 5260                                  |                                |
|   |          |          | 5                       | 5283                   | 5576     | 5610              | 5434                     | 5581                                  |                                |
|   |          |          | 10                      | 5689                   | 5289     | 5635              | 5570                     | 5714                                  |                                |
|   |          |          | 15                      | 5577                   | 5256     | 5342              | 5558                     | 5279                                  |                                |
|   |          |          | 20                      | 5490                   | 5652     | 5549              | 5724                     | 5640                                  |                                |
|   |          |          | 25                      | 5634                   | 5552     | 5300              | 5448                     | 5409                                  |                                |
|   |          |          | 30                      | 5297                   | 5713     | 5431              | 5580                     | 5444                                  |                                |
|   |          |          | 35                      | 5667                   | 5445     | 5701              | 5492                     | 5290                                  |                                |
|   |          |          | 40                      | 5326                   | 5286     | 5621              | 5382                     | 5280                                  |                                |
|   |          |          | 45                      | 5559                   | 5313     | 5541              | 5499                     | 5704                                  |                                |
|   |          |          | 50                      | 5395                   | 5474     | 5569              | 5274                     | 5421                                  |                                |
|   |          |          | 55                      | 5698                   | 5625     | 5345              | 5374                     | 5657                                  |                                |
|   |          |          | 60                      | 5711                   | 5519     | 5642              | 5301                     | 5454                                  |                                |
|   |          |          | 65                      | 5715                   | 5520     | 5536              | 5366                     | 5413                                  |                                |
|   |          |          | 70                      | 5414                   | 5378     | 5417              | 5316                     | 5428                                  |                                |
|   |          |          | 75                      | 5357                   | 5586     | 5484              | 5296                     | 5430                                  |                                |
|   |          |          | 80                      | 5627                   | 5684     | 5653              | 5273                     | 5606                                  |                                |
|   |          |          | 85                      | 5465                   | 5363     | 5491              | 5352                     | 5355                                  |                                |
|   |          |          | 90                      | 5518                   | 5631     | 5688              | 5588                     | 5329                                  |                                |
|   |          |          | 95                      | 5485                   | 5502     | 5590              | 5390                     | 5531                                  |                                |



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|   |          | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |
|---|----------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|
| Θ | Download | 7        | Туре 6                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300.0000000                           | 27                             |
|   |          |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |
|   |          |          | 0                       | 5530                   | 5587     | 5361              | 5310                     | 5480                                  |                                |
|   |          |          | 5                       | 5325                   | 5598     | 5685              | 5500                     | 5410                                  |                                |
|   |          |          | 10                      | 5523                   | 5553     | 5676              | 5290                     | 5260                                  |                                |
|   |          |          | 15                      | 5568                   | 5383     | 5445              | 5603                     | 5471                                  |                                |
|   |          |          | 20                      | 5498                   | 5514     | 5690              | 5638                     | 5697                                  |                                |
|   |          |          | 25                      | 5431                   | 5583     | 5280              | 5404                     | 5482                                  |                                |
|   |          |          | 30                      | 5451                   | 5661     | 5670              | 5646                     | 5354                                  |                                |
|   |          |          | 35                      | 5642                   | 5331     | 5633              | 5594                     | 5267                                  |                                |
|   |          |          | 40                      | 5301                   | 5640     | 5369              | 5559                     | 5622                                  |                                |
|   |          |          | 45                      | 5277                   | 5391     | 5507              | 5396                     | 5502                                  |                                |
|   |          |          | 50                      | 5552                   | 5494     | 5271              | 5650                     | 5620                                  |                                |
|   |          |          | 55                      | 5363                   | 5719     | 5545              | 5338                     | 5299                                  |                                |
|   |          |          | 60                      | 5564                   | 5628     | 5268              | 5684                     | 5608                                  |                                |
|   |          |          | 65                      | 5283                   | 5343     | 5584              | 5572                     | 5673                                  |                                |
|   |          |          | 70                      | 5683                   | 5517     | 5492              | 5381                     | 5266                                  |                                |
|   |          |          | 75                      | 5292                   | 5387     | 5326              | 5706                     | 5627                                  |                                |
|   |          |          | 80                      | 5682                   | 5262     | 5367              | 5276                     | 5716                                  |                                |
|   |          |          | 85                      | 5270                   | 5511     | 5428              | 5458                     | 5359                                  |                                |
|   |          |          | 90                      | 5351                   | 5600     | 5285              | 5394                     | 5571                                  |                                |
|   |          |          | 95                      | 5400                   | 5265     | 5327              | 5643                     | 5313                                  |                                |



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| Tr | ial List — |          |                         |                        |          |                   |                          |                                       |                                |
|----|------------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|
|    |            | Trial Id | Radar<br>Type           | Pulse<br>Width<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |
| 3  | Download   | 8        | Туре 6                  | 1.0                    | 333.3    | 9                 | 0.3333                   | 300,0000000                           | 33                             |
|    |            |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |
|    |            |          | 0                       | 5310                   | 5351     | 5297              | 5374                     | 5322                                  |                                |
|    |            |          | 5                       | 5367                   | 5523     | 5285              | 5663                     | 5617                                  |                                |
|    |            |          | 10                      | 5454                   | 5342     | 5717              | 5485                     | 5281                                  |                                |
|    |            |          | 15                      | 5656                   | 5510     | 5548              | 5648                     | 5409                                  |                                |
|    |            |          | 20                      | 5680                   | 5631     | 5630              | 5670                     | 5319                                  |                                |
|    |            |          | 25                      | 5435                   | 5483     | 5508              | 5516                     | 5493                                  |                                |
|    |            |          | 30                      | 5647                   | 5627     | 5386              | 5506                     | 5462                                  |                                |
|    |            |          | 35                      | 5470                   | 5724     | 5390              | 5420                     | 5690                                  |                                |
|    |            |          | 40                      | 5576                   | 5452     | 5497              | 5387                     | 5274                                  |                                |
|    |            |          | 45                      | 5320                   | 5487     | 5479              | 5560                     | 5605                                  |                                |
|    |            |          | 50                      | 5381                   | 5622     | 5671              | 5445                     | 5489                                  |                                |
|    |            |          | 55                      | 5526                   | 5253     | 5279              | 5502                     | 5397                                  |                                |
|    |            |          | 60                      | 5629                   | 5440     | 5678              | 5704                     | 5544                                  |                                |
|    |            |          | 65                      | 5533                   | 5608     | 5408              | 5478                     | 5655                                  |                                |
|    |            |          | 70                      | 5481                   | 5590     | 5268              | 5346                     | 5673                                  |                                |
|    |            |          | 75                      | 5254                   | 5295     | 5258              | 5459                     | 5372                                  |                                |
|    |            |          | 80                      | 5623                   | 5401     | 5267              | 5706                     | 5545                                  |                                |
|    |            |          | 85                      | 5488                   | 5650     | 5324              | 5305                     | 5373                                  |                                |
|    |            |          | 90                      | 5559                   | 5464     | 5660              | 5344                     | 5698                                  |                                |
|    |            |          | 95                      | 5394                   | 5378     | 5363              | 5321                     | 5311                                  |                                |



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|   |          | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Humber |
|---|----------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|
| Θ | Download | 9        | Type 6                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300,0000000                           | 30                             |
|   |          |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |
|   |          |          | 0                       | 5565                   | 5590     | 5708              | 5535                     | 5542                                  |                                |
|   |          |          | 5                       | 5409                   | 5545     | 5360              | 5351                     | 5349                                  |                                |
|   |          |          | 10                      | 5288                   | 5606     | 5283              | 5583                     | 5302                                  |                                |
|   |          |          | 15                      | 5269                   | 5637     | 5554              | 5693                     | 5380                                  |                                |
|   |          |          | 20                      | 5417                   | 5274     | 5572              | 5719                     | 5643                                  |                                |
|   |          |          | 25                      | 5682                   | 5287     | 5686              | 5612                     | 5550                                  |                                |
|   |          |          | 30                      | 5632                   | 5536     | 5584              | 5504                     | 5280                                  |                                |
|   |          |          | 35                      | 5660                   | 5512     | 5340              | 5661                     | 5573                                  |                                |
|   |          |          | 40                      | 5604                   | 5415     | 5435              | 5530                     | 5271                                  |                                |
|   |          |          | 45                      | 5627                   | 5467     | 5562              | 5618                     | 5658                                  |                                |
|   |          |          | 50                      | 5646                   | 5401     | 5527              | 5722                     | 5541                                  |                                |
|   |          |          | 55                      | 5268                   | 5336     | 5714              | 5372                     | 5473                                  |                                |
|   |          |          | 60                      | 5526                   | 5539     | 5574              | 5369                     | 5650                                  |                                |
|   |          |          | 65                      | 5367                   | 5482     | 5547              | 5715                     | 5370                                  |                                |
|   |          |          | 70                      | 5598                   | 5252     | 5464              | 5484                     | 5439                                  |                                |
|   |          |          | 75                      | 5622                   | 5305     | 5642              | 5374                     | 5341                                  |                                |
|   |          |          | 80                      | 5711                   | 5385     | 5404              | 5264                     | 5523                                  |                                |
|   |          |          | 85                      | 5448                   | 5326     | 5451              | 5270                     | 5667                                  |                                |
|   |          |          | 90                      | 5356                   | 5621     | 5303              | 5724                     | 5470                                  |                                |
|   |          |          | 95                      | 5639                   | 5386     | 5361              | 5278                     | 5378                                  |                                |



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| -Trial List |          |          |                         |                        |          |                   |                          |                                       |                                |  |  |
|-------------|----------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|--|--|
|             |          | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |  |  |
|             | Download | 10       | Туре 6                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300.0000000                           | 37                             |  |  |
|             |          |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |  |  |
|             |          |          | 0                       | 5345                   | 5354     | 5644              | 5696                     | 5384                                  |                                |  |  |
|             |          |          | 5                       | 5548                   | 5470     | 5435              | 5514                     | 5653                                  |                                |  |  |
|             |          |          | 10                      | 5694                   | 5492     | 5324              | 5303                     | 5323                                  |                                |  |  |
|             |          |          | 15                      | 5357                   | 5667     | 5657              | 5641                     | 5572                                  |                                |  |  |
|             |          |          | 20                      | 5425                   | 5440     | 5610              | 5711                     | 5616                                  |                                |  |  |
|             |          |          | 25                      | 5473                   | 5414     | 5338              | 5584                     | 5674                                  |                                |  |  |
|             |          |          | 30                      | 5541                   | 5719     | 5432              | 5480                     | 5651                                  |                                |  |  |
|             |          |          | 35                      | 5431                   | 5457     | 5348              | 5615                     | 5254                                  |                                |  |  |
|             |          |          | 40                      | 5715                   | 5373     | 5295              | 5365                     | 5556                                  |                                |  |  |
|             |          |          | 45                      | 5447                   | 5645     | 5579              | 5533                     | 5277                                  |                                |  |  |
|             |          |          | 50                      | 5703                   | 5298     | 5252              | 5566                     | 5280                                  |                                |  |  |
|             |          |          | 55                      | 5330                   | 5636     | 5562              | 5403                     | 5444                                  |                                |  |  |
|             |          |          | 60                      | 5655                   | 5704     | 5519              | 5676                     | 5427                                  |                                |  |  |
|             |          |          | 65                      | 5596                   | 5568     | 5583              | 5450                     | 5640                                  |                                |  |  |
|             |          |          | 70                      | 5304                   | 5421     | 5547              | 5288                     | 5598                                  |                                |  |  |
|             |          |          | 75                      | 5264                   | 5494     | 5484              | 5695                     | 5488                                  |                                |  |  |
|             |          |          | 80                      | 5495                   | 5660     | 5293              | 5527                     | 5639                                  |                                |  |  |
|             |          |          | 85                      | 5718                   | 5351     | 5643              | 5511                     | 5462                                  |                                |  |  |
|             |          |          | 90                      | 5632                   | 5310     | 5394              | 5501                     | 5476                                  |                                |  |  |
|             |          |          | 95                      | 5576                   | 5327     | 5378              | 5333                     | 5362                                  |                                |  |  |



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|   |          | Trial Id | Radar<br>Type           | Pulse<br>Tidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |
|---|----------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|
| Ξ | Download | 11       | Type 6                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300.0000000                           | 36                             |
|   |          |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |
|   |          |          | 0                       | 5503                   | 5593     | 5580              | 5382                     | 5604                                  |                                |
|   |          |          | 5                       | 5590                   | 5492     | 5510              | 5385                     | 5625                                  |                                |
|   |          |          | 10                      | 5281                   | 5365     | 5498              | 5344                     | 5348                                  |                                |
|   |          |          | 15                      | 5319                   | 5285     | 5686              | 5386                     | 5336                                  |                                |
|   |          |          | 20                      | 5509                   | 5551     | 5325              | 5589                     | 5361                                  |                                |
|   |          |          | 25                      | 5563                   | 5520     | 5442              | 5618                     | 5716                                  |                                |
|   |          |          | 30                      | 5411                   | 5459     | 5681              | 5300                     | 5315                                  |                                |
|   |          |          | 35                      | 5522                   | 5350     | 5501              | 5529                     | 5568                                  |                                |
|   |          |          | 40                      | 5323                   | 5689     | 5535              | 5362                     | 5485                                  |                                |
|   |          |          | 45                      | 5427                   | 5253     | 5637              | 5667                     | 5628                                  |                                |
|   |          |          | 50                      | 5404                   | 5349     | 5341              | 5389                     | 5602                                  |                                |
|   |          |          | 55                      | 5518                   | 5277     | 5697              | 5415                     | 5309                                  |                                |
|   |          |          | 60                      | 5394                   | 5464     | 5508              | 5639                     | 5391                                  |                                |
|   |          |          | 65                      | 5380                   | 5282     | 5532              | 5582                     | 5493                                  |                                |
|   |          |          | 70                      | 5533                   | 5587     | 5515              | 5574                     | 5698                                  |                                |
|   |          |          | 75                      | 5483                   | 5614     | 5530              | 5676                     | 5265                                  |                                |
|   |          |          | 80                      | 5605                   | 5441     | 5360              | 5636                     | 5438                                  |                                |
|   |          |          | 85                      | 5351                   | 5474     | 5654              | 5500                     | 5642                                  |                                |
|   |          |          | 90                      | 5321                   | 5579     | 5482              | 5610                     | 5684                                  |                                |
|   |          |          | 95                      | 5388                   | 5443     | 5547              | 5581                     | 5527                                  |                                |



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| Tr | ial List — |          |                         |                        |          |                   |                          |                                       |                                |
|----|------------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|
|    |            | Trial Id | Radar<br>Type           | Pulse<br>Tidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Humber |
| Θ  | Download   | 12       | Туре б                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300.0000000                           | 38                             |
|    |            |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |
|    |            |          | 0                       | 5283                   | 5357     | 5516              | 5543                     | 5446                                  |                                |
|    |            |          | 5                       | 5632                   | 5417     | 5585              | 5268                     | 5592                                  |                                |
|    |            |          | 10                      | 5459                   | 5545     | 5406              | 5693                     | 5365                                  |                                |
|    |            |          | 15                      | 5436                   | 5388     | 5256              | 5578                     | 5344                                  |                                |
|    |            |          | 20                      | 5675                   | 5492     | 5317              | 5562                     | 5627                                  |                                |
|    |            |          | 25                      | 5512                   | 5723     | 5546              | 5652                     | 5380                                  |                                |
|    |            |          | 30                      | 5300                   | 5455     | 5674              | 5358                     | 5498                                  |                                |
|    |            |          | 35                      | 5454                   | 5710     | 5621              | 5654                     | 5443                                  |                                |
|    |            |          | 40                      | 5504                   | 5678     | 5359              | 5407                     | 5336                                  |                                |
|    |            |          | 45                      | 5695                   | 5720     | 5685              | 5580                     | 5400                                  |                                |
|    |            |          | 50                      | 5430                   | 5687     | 5706              | 5544                     | 5467                                  |                                |
|    |            |          | 55                      | 5419                   | 5289     | 5438              | 5559                     | 5506                                  |                                |
|    |            |          | 60                      | 5340                   | 5554     | 5329              | 5558                     | 5327                                  |                                |
|    |            |          | 65                      | 5385                   | 5662     | 5519              | 5590                     | 5364                                  |                                |
|    |            |          | 70                      | 5550                   | 5657     | 5355              | 5259                     | 5673                                  |                                |
|    |            |          | 75                      | 5420                   | 5618     | 5697              | 5524                     | 5275                                  |                                |
|    |            |          | 80                      | 5633                   | 5254     | 5424              | 5534                     | 5274                                  |                                |
|    |            |          | 85                      | 5465                   | 5315     | 5415              | 5269                     | 5488                                  |                                |
|    |            |          | 90                      | 5547                   | 5566     | 5616              | 5509                     | 5427                                  |                                |
|    |            |          | 95                      | 5445                   | 5560     | 5636              | 5347                     | 5432                                  |                                |



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| -Trial List |          |          |                         |                        |          |                   |                          |                                       |                                |  |
|-------------|----------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|--|
|             |          | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |  |
|             | Download | 13       | Туре б                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300.0000000                           | 35                             |  |
|             |          |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |  |
|             |          |          | 0                       | 5538                   | 5596     | 5452              | 5704                     | 5666                                  |                                |  |
|             |          |          | 5                       | 5674                   | 5439     | 5660              | 5431                     | 5324                                  |                                |  |
|             |          |          | 10                      | 5390                   | 5334     | 5544              | 5413                     | 5386                                  |                                |  |
|             |          |          | 15                      | 5524                   | 5573     | 5491              | 5301                     | 5295                                  |                                |  |
|             |          |          | 20                      | 5352                   | 5269     | 5530              | 5406                     | 5535                                  |                                |  |
|             |          |          | 25                      | 5515                   | 5364     | 5451              | 5650                     | 5686                                  |                                |  |
|             |          |          | 30                      | 5422                   | 5664     | 5412              | 5317                     | 5607                                  |                                |  |
|             |          |          | 35                      | 5318                   | 5496     | 5326              | 5417                     | 5429                                  |                                |  |
|             |          |          | 40                      | 5454                   | 5343     | 5489              | 5565                     | 5443                                  |                                |  |
|             |          |          | 45                      | 5356                   | 5721     | 5387              | 5419                     | 5656                                  |                                |  |
|             |          |          | 50                      | 5298                   | 5475     | 5283              | 5281                     | 5519                                  |                                |  |
|             |          |          | 55                      | 5393                   | 5498     | 5657              | 5713                     | 5260                                  |                                |  |
|             |          |          | 60                      | 5470                   | 5724     | 5647              | 5477                     | 5531                                  |                                |  |
|             |          |          | 65                      | 5278                   | 5594     | 5597              | 5663                     | 5259                                  |                                |  |
|             |          |          | 70                      | 5505                   | 5690     | 5688              | 5526                     | 5282                                  |                                |  |
|             |          |          | 75                      | 5719                   | 5638     | 5672              | 5253                     | 5478                                  |                                |  |
|             |          |          | 80                      | 5338                   | 5630     | 5450              | 5632                     | 5266                                  |                                |  |
|             |          |          | 85                      | 5497                   | 5466     | 5333              | 5366                     | 5339                                  |                                |  |
|             |          |          | 90                      | 5434                   | 5591     | 5581              | 5351                     | 5250                                  |                                |  |
|             |          |          | 95                      | 5411                   | 5442     | 5264              | 5545                     | 5527                                  |                                |  |



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| Tr | ial List — |          |                         |                        |          |                   |                          |                                       |                                |
|----|------------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|
|    |            | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |
|    | Download   | 14       | Туре б                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300.0000000                           | 28                             |
|    |            |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |
|    |            |          | 0                       | 5318                   | 5360     | 5388              | 5390                     | 5508                                  |                                |
|    |            |          | 5                       | 5338                   | 5364     | 5260              | 5594                     | 5628                                  |                                |
|    |            |          | 10                      | 5321                   | 5598     | 5585              | 5511                     | 5407                                  |                                |
|    |            |          | 15                      | 5612                   | 5700     | 5497              | 5724                     | 5487                                  |                                |
|    |            |          | 20                      | 5263                   | 5435     | 5471              | 5398                     | 5306                                  |                                |
|    |            |          | 25                      | 5691                   | 5654     | 5279              | 5720                     | 5464                                  |                                |
|    |            |          | 30                      | 5650                   | 5369     | 5532              | 5284                     | 5516                                  |                                |
|    |            |          | 35                      | 5635                   | 5417     | 5310              | 5582                     | 5368                                  |                                |
|    |            |          | 40                      | 5657                   | 5669     | 5503              | 5683                     | 5353                                  |                                |
|    |            |          | 45                      | 5553                   | 5270     | 5502              | 5714                     | 5351                                  |                                |
|    |            |          | 50                      | 5362                   | 5634     | 5457              | 5608                     | 5711                                  |                                |
|    |            |          | 55                      | 5337                   | 5607     | 5452              | 5372                     | 5706                                  |                                |
|    |            |          | 60                      | 5599                   | 5414     | 5396              | 5576                     | 5303                                  |                                |
|    |            |          | 65                      | 5574                   | 5616     | 5702              | 5533                     | 5534                                  |                                |
|    |            |          | 70                      | 5489                   | 5466     | 5428              | 5588                     | 5693                                  |                                |
|    |            |          | 75                      | 5537                   | 5478     | 5293              | 5402                     | 5387                                  |                                |
|    |            |          | 80                      | 5716                   | 5449     | 5266              | 5259                     | 5377                                  |                                |
|    |            |          | 85                      | 5401                   | 5627     | 5645              | 5632                     | 5583                                  |                                |
|    |            |          | 90                      | 5557                   | 5561     | 5298              | 5320                     | 5339                                  |                                |
|    |            |          | 95                      | 5597                   | 5518     | 5708              | 5262                     | 5543                                  |                                |



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| -Trial List |          |          |                         |                        |          |                   |                          |                                       |                                |  |  |
|-------------|----------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|--|--|
|             |          | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |  |  |
| Θ           | Download | 15       | Туре б                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300.0000000                           | 37                             |  |  |
|             |          |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |  |  |
|             |          |          | 0                       | 5573                   | 5599     | 5324              | 5551                     | 5253                                  |                                |  |  |
|             |          |          | 5                       | 5380                   | 5386     | 5335              | 5660                     | 5360                                  |                                |  |  |
|             |          |          | 10                      | 5630                   | 5484     | 5626              | 5706                     | 5428                                  |                                |  |  |
|             |          |          | 15                      | 5603                   | 5255     | 5600              | 5294                     | 5679                                  |                                |  |  |
|             |          |          | 20                      | 5271                   | 5504     | 5412              | 5487                     | 5481                                  |                                |  |  |
|             |          |          | 25                      | 5669                   | 5640     | 5382              | 5480                     | 5279                                  |                                |  |  |
|             |          |          | 30                      | 5506                   | 5539     | 5326              | 5272                     | 5533                                  |                                |  |  |
|             |          |          | 35                      | 5336                   | 5299     | 5508              | 5581                     | 5260                                  |                                |  |  |
|             |          |          | 40                      | 5282                   | 5496     | 5277              | 5441                     | 5448                                  |                                |  |  |
|             |          |          | 45                      | 5447                   | 5482     | 5250              | 5585                     | 5297                                  |                                |  |  |
|             |          |          | 50                      | 5404                   | 5627     | 5510              | 5633                     | 5553                                  |                                |  |  |
|             |          |          | 55                      | 5319                   | 5534     | 5659              | 5320                     | 5406                                  |                                |  |  |
|             |          |          | 60                      | 5562                   | 5351     | 5677              | 5579                     | 5438                                  |                                |  |  |
|             |          |          | 65                      | 5408                   | 5604     | 5520              | 5342                     | 5651                                  |                                |  |  |
|             |          |          | 70                      | 5569                   | 5366     | 5284              | 5647                     | 5500                                  |                                |  |  |
|             |          |          | 75                      | 5574                   | 5318     | 5289              | 5381                     | 5437                                  |                                |  |  |
|             |          |          | 80                      | 5522                   | 5530     | 5697              | 5701                     | 5376                                  |                                |  |  |
|             |          |          | 85                      | 5515                   | 5444     | 5561              | 5624                     | 5365                                  |                                |  |  |
|             |          |          | 90                      | 5535                   | 5278     | 5641              | 5371                     | 5587                                  |                                |  |  |
|             |          |          | 95                      | 5357                   | 5552     | 5493              | 5560                     | 5608                                  |                                |  |  |



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| -Trial List |          |          |                         |                        |          |                   |                          |                                       |                                |  |  |
|-------------|----------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|--|--|
|             |          | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |  |  |
| Θ           | Download | 16       | Туре 6                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300.0000000                           | 35                             |  |  |
|             |          |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |  |  |
|             |          |          | 0                       | 5256                   | 5460     | 5260              | 5615                     | 5570                                  |                                |  |  |
|             |          |          | 5                       | 5422                   | 5311     | 5410              | 5348                     | 5567                                  |                                |  |  |
|             |          |          | 10                      | 5561                   | 5273     | 5667              | 5426                     | 5449                                  |                                |  |  |
|             |          |          | 15                      | 5691                   | 5382     | 5703              | 5339                     | 5396                                  |                                |  |  |
|             |          |          | 20                      | 5279                   | 5670     | 5353              | 5479                     | 5454                                  |                                |  |  |
|             |          |          | 25                      | 5557                   | 5492     | 5488              | 5584                     | 5313                                  |                                |  |  |
|             |          |          | 30                      | 5645                   | 5525     | 5283              | 5487                     | 5685                                  |                                |  |  |
|             |          |          | 35                      | 5534                   | 5341     | 5599              | 5377                     | 5413                                  |                                |  |  |
|             |          |          | 40                      | 5671                   | 5335     | 5360              | 5379                     | 5591                                  |                                |  |  |
|             |          |          | 45                      | 5444                   | 5411     | 5705              | 5668                     | 5258                                  |                                |  |  |
|             |          |          | 50                      | 5457                   | 5514     | 5289              | 5334                     | 5604                                  |                                |  |  |
|             |          |          | 55                      | 5408                   | 5357     | 5603              | 5263                     | 5655                                  |                                |  |  |
|             |          |          | 60                      | 5548                   | 5551     | 5269              | 5383                     | 5715                                  |                                |  |  |
|             |          |          | 65                      | 5527                   | 5466     | 5640              | 5600                     | 5508                                  |                                |  |  |
|             |          |          | 70                      | 5576                   | 5651     | 5450              | 5669                     | 5560                                  |                                |  |  |
|             |          |          | 75                      | 5321                   | 5613     | 5609              | 5642                     | 5678                                  |                                |  |  |
|             |          |          | 80                      | 5478                   | 5486     | 5296              | 5608                     | 5624                                  |                                |  |  |
|             |          |          | 85                      | 5524                   | 5438     | 5364              | 5580                     | 5470                                  |                                |  |  |
|             |          |          | 90                      | 5606                   | 5325     | 5555              | 5489                     | 5375                                  |                                |  |  |
|             |          |          | 95                      | 5480                   | 5674     | 5663              | 5282                     | 5573                                  |                                |  |  |



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| -Trial List |          |          |                         |                        |          |                   |                          |                                       |                                |  |  |
|-------------|----------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|--|--|
|             |          | Trial Id | Radar<br>Type           | Pulse<br>Tidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |  |  |
|             | Download | 17       | Туре б                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300.0000000                           | 37                             |  |  |
|             |          |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |  |  |
|             |          |          | 0                       | 5511                   | 5699     | 5671              | 5301                     | 5315                                  |                                |  |  |
|             |          |          | 5                       | 5464                   | 5333     | 5485              | 5396                     | 5492                                  |                                |  |  |
|             |          |          | 10                      | 5537                   | 5708     | 5621              | 5470                     | 5304                                  |                                |  |  |
|             |          |          | 15                      | 5509                   | 5331     | 5287              | 5588                     | 5665                                  |                                |  |  |
|             |          |          | 20                      | 5264                   | 5391     | 5568              | 5427                     | 5348                                  |                                |  |  |
|             |          |          | 25                      | 5441                   | 5691     | 5688              | 5347                     | 5687                                  |                                |  |  |
|             |          |          | 30                      | 5414                   | 5715     | 5605              | 5459                     | 5354                                  |                                |  |  |
|             |          |          | 35                      | 5480                   | 5312     | 5648              | 5663                     | 5682                                  |                                |  |  |
|             |          |          | 40                      | 5271                   | 5540     | 5317              | 5356                     | 5718                                  |                                |  |  |
|             |          |          | 45                      | 5685                   | 5276     | 5316              | 5413                     | 5640                                  |                                |  |  |
|             |          |          | 50                      | 5510                   | 5655     | 5497              | 5558                     | 5450                                  |                                |  |  |
|             |          |          | 55                      | 5599                   | 5692     | 5370              | 5367                     | 5522                                  |                                |  |  |
|             |          |          | 60                      | 5434                   | 5328     | 5547              | 5353                     | 5412                                  |                                |  |  |
|             |          |          | 65                      | 5366                   | 5549     | 5544              | 5408                     | 5446                                  |                                |  |  |
|             |          |          | 70                      | 5253                   | 5266     | 5546              | 5421                     | 5462                                  |                                |  |  |
|             |          |          | 75                      | 5355                   | 5481     | 5719              | 5659                     | 5633                                  |                                |  |  |
|             |          |          | 80                      | 5499                   | 5552     | 5297              | 5521                     | 5280                                  |                                |  |  |
|             |          |          | 85                      | 5438                   | 5681     | 5543              | 5565                     | 5474                                  |                                |  |  |
|             |          |          | 90                      | 5279                   | 5608     | 5375              | 5619                     | 5712                                  |                                |  |  |
|             |          |          | 95                      | 5523                   | 5257     | 5541              | 5507                     | 5261                                  |                                |  |  |



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| Trial List |          |          |                         |                        |          |                   |                          |                                       |                                |  |  |
|------------|----------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|--|--|
|            |          | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |  |  |
|            | Download | 18       | Туре б                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300.0000000                           | 27                             |  |  |
|            |          |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |  |  |
|            |          |          | 0                       | 5291                   | 5463     | 5607              | 5462                     | 5632                                  |                                |  |  |
|            |          |          | 5                       | 5603                   | 5258     | 5560              | 5674                     | 5326                                  |                                |  |  |
|            |          |          | 10                      | 5274                   | 5341     | 5491              | 5392                     | 5636                                  |                                |  |  |
|            |          |          | 15                      | 5434                   | 5332     | 5305              | 5673                     | 5430                                  |                                |  |  |
|            |          |          | 20                      | 5400                   | 5711     | 5293              | 5419                     | 5317                                  |                                |  |  |
|            |          |          | 25                      | 5381                   | 5254     | 5303              | 5672                     | 5345                                  |                                |  |  |
|            |          |          | 30                      | 5611                   | 5649     | 5619              | 5403                     | 5541                                  |                                |  |  |
|            |          |          | 35                      | 5596                   | 5585     | 5623              | 5633                     | 5438                                  |                                |  |  |
|            |          |          | 40                      | 5647                   | 5665     | 5359              | 5374                     | 5466                                  |                                |  |  |
|            |          |          | 45                      | 5666                   | 5516     | 5589              | 5706                     | 5586                                  |                                |  |  |
|            |          |          | 50                      | 5394                   | 5312     | 5646              | 5661                     | 5493                                  |                                |  |  |
|            |          |          | 55                      | 5543                   | 5599     | 5273              | 5476                     | 5276                                  |                                |  |  |
|            |          |          | 60                      | 5455                   | 5664     | 5498              | 5580                     | 5618                                  |                                |  |  |
|            |          |          | 65                      | 5338                   | 5531     | 5435              | 5629                     | 5424                                  |                                |  |  |
|            |          |          | 70                      | 5311                   | 5309     | 5314              | 5450                     | 5310                                  |                                |  |  |
|            |          |          | 75                      | 5290                   | 5640     | 5410              | 5609                     | 5333                                  |                                |  |  |
|            |          |          | 80                      | 5461                   | 5275     | 5518              | 5572                     | 5620                                  |                                |  |  |
|            |          |          | 85                      | 5506                   | 5282     | 5342              | 5330                     | 5573                                  |                                |  |  |
|            |          |          | 90                      | 5718                   | 5557     | 5517              | 5601                     | 5708                                  |                                |  |  |
|            |          |          | 95                      | 5298                   | 5525     | 5405              | 5304                     | 5682                                  |                                |  |  |



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| -Trial List |          |          |                         |                        |          |                   |                          |                                       |                                |  |  |
|-------------|----------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|--|--|
|             |          | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |  |  |
| Θ           | Download | 19       | Туре б                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300.0000000                           | 34                             |  |  |
|             |          |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |  |  |
|             |          |          | 0                       | 5546                   | 5702     | 5543              | 5623                     | 5377                                  |                                |  |  |
|             |          |          | 5                       | 5645                   | 5280     | 5635              | 5265                     | 5335                                  |                                |  |  |
|             |          |          | 10                      | 5257                   | 5590     | 5315              | 5439                     | 5512                                  |                                |  |  |
|             |          |          | 15                      | 5383                   | 5288     | 5440              | 5594                     | 5681                                  |                                |  |  |
|             |          |          | 20                      | 5596                   | 5273     | 5649              | 5373                     | 5502                                  |                                |  |  |
|             |          |          | 25                      | 5620                   | 5622     | 5518              | 5415                     | 5393                                  |                                |  |  |
|             |          |          | 30                      | 5289                   | 5629     | 5560              | 5385                     | 5372                                  |                                |  |  |
|             |          |          | 35                      | 5283                   | 5494     | 5337              | 5510                     | 5424                                  |                                |  |  |
|             |          |          | 40                      | 5706                   | 5571     | 5361              | 5435                     | 5479                                  |                                |  |  |
|             |          |          | 45                      | 5442                   | 5519     | 5456              | 5392                     | 5290                                  |                                |  |  |
|             |          |          | 50                      | 5282                   | 5297     | 5679              | 5716                     | 5500                                  |                                |  |  |
|             |          |          | 55                      | 5600                   | 5275     | 5464              | 5672                     | 5308                                  |                                |  |  |
|             |          |          | 60                      | 5577                   | 5401     | 5390              | 5447                     | 5450                                  |                                |  |  |
|             |          |          | 65                      | 5608                   | 5334     | 5507              | 5615                     | 5524                                  |                                |  |  |
|             |          |          | 70                      | 5285                   | 5322     | 5430              | 5433                     | 5621                                  |                                |  |  |
|             |          |          | 75                      | 5662                   | 5719     | 5589              | 5528                     | 5515                                  |                                |  |  |
|             |          |          | 80                      | 5292                   | 5462     | 5566              | 5307                     | 5284                                  |                                |  |  |
|             |          |          | 85                      | 5296                   | 5474     | 5724              | 5399                     | 5710                                  |                                |  |  |
|             |          |          | 90                      | 5250                   | 5353     | 5509              | 5303                     | 5597                                  |                                |  |  |
|             |          |          | 95                      | 5407                   | 5428     | 5562              | 5678                     | 5300                                  |                                |  |  |



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| -Trial List |          |          |                         |                        |          |                   |                          |                                       |                                |  |  |
|-------------|----------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|--|--|
|             |          | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |  |  |
|             | Download | 20       | Туре б                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300.0000000                           | 35                             |  |  |
|             |          |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |  |  |
|             |          |          | 0                       | 5704                   | 5466     | 5479              | 5309                     | 5597                                  |                                |  |  |
|             |          |          | 5                       | 5687                   | 5680     | 5710              | 5428                     | 5639                                  |                                |  |  |
|             |          |          | 10                      | 5566                   | 5379     | 5356              | 5634                     | 5533                                  |                                |  |  |
|             |          |          | 15                      | 5471                   | 5318     | 5543              | 5422                     | 5311                                  |                                |  |  |
|             |          |          | 20                      | 5592                   | 5665     | 5641              | 5443                     | 5390                                  |                                |  |  |
|             |          |          | 25                      | 5569                   | 5350     | 5622              | 5449                     | 5435                                  |                                |  |  |
|             |          |          | 30                      | 5653                   | 5586     | 5300              | 5537                     | 5667                                  |                                |  |  |
|             |          |          | 35                      | 5325                   | 5585     | 5608              | 5269                     | 5521                                  |                                |  |  |
|             |          |          | 40                      | 5263                   | 5314     | 5509              | 5504                     | 5529                                  |                                |  |  |
|             |          |          | 45                      | 5408                   | 5528     | 5525              | 5393                     | 5572                                  |                                |  |  |
|             |          |          | 50                      | 5343                   | 5646     | 5333              | 5386                     | 5502                                  |                                |  |  |
|             |          |          | 55                      | 5660                   | 5688     | 5554              | 5465                     | 5677                                  |                                |  |  |
|             |          |          | 60                      | 5338                   | 5326     | 5454              | 5260                     | 5615                                  |                                |  |  |
|             |          |          | 65                      | 5403                   | 5347     | 5591              | 5396                     | 5555                                  |                                |  |  |
|             |          |          | 70                      | 5515                   | 5579     | 5601              | 5527                     | 5387                                  |                                |  |  |
|             |          |          | 75                      | 5261                   | 5707     | 5291              | 5550                     | 5602                                  |                                |  |  |
|             |          |          | 80                      | 5439                   | 5257     | 5370              | 5692                     | 5498                                  |                                |  |  |
|             |          |          | 85                      | 5512                   | 5487     | 5719              | 5401                     | 5650                                  |                                |  |  |
|             |          |          | 90                      | 5335                   | 5402     | 5255              | 5659                     | 5722                                  |                                |  |  |
|             |          |          | 95                      | 5364                   | 5493     | 5676              | 5510                     | 5700                                  |                                |  |  |



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| _ |          |          |                         |                        |          | 1                 | ·                        | Hopping                    |                                |
|---|----------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|----------------------------|--------------------------------|
|   |          | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |
| Θ | Download | 21       | Туре 6                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300.0000000                | 37                             |
|   |          |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                          |                                |
|   |          |          | 0                       | 5484                   | 5705     | 5415              | 5470                     | 5439                       |                                |
|   |          |          | 5                       | 5351                   | 5702     | 5310              | 5591                     | 5371                       |                                |
|   |          |          | 10                      | 5497                   | 5265     | 5494              | 5354                     | 5554                       |                                |
|   |          |          | 15                      | 5559                   | 5445     | 5646              | 5370                     | 5503                       |                                |
|   |          |          | 20                      | 5600                   | 5356     | 5252              | 5255                     | 5416                       |                                |
|   |          |          | 25                      | 5656                   | 5421     | 5456              | 5251                     | 5483                       |                                |
|   |          |          | 30                      | 5477                   | 5542     | 5543              | 5418                     | 5311                       |                                |
|   |          |          | 35                      | 5390                   | 5464     | 5676              | 5501                     | 5422                       |                                |
|   |          |          | 40                      | 5435                   | 5674     | 5447              | 5269                     | 5526                       |                                |
|   |          |          | 45                      | 5337                   | 5508     | 5608              | 5451                     | 5625                       |                                |
|   |          |          | 50                      | 5522                   | 5642     | 5384              | 5475                     | 5703                       |                                |
|   |          |          | 55                      | 5507                   | 5401     | 5655              | 5496                     | 5309                       |                                |
|   |          |          | 60                      | 5455                   | 5619     | 5680              | 5326                     | 5414                       |                                |
|   |          |          | 65                      | 5345                   | 5492     | 5295              | 5318                     | 5273                       |                                |
|   |          |          | 70                      | 5587                   | 5530     | 5711              | 5615                     | 5666                       |                                |
|   |          |          | 75                      | 5638                   | 5670     | 5622              | 5583                     | 5691                       |                                |
|   |          |          | 80                      | 5367                   | 5626     | 5381              | 5561                     | 5412                       |                                |
|   |          |          | 85                      | 5682                   | 5718     | 5589              | 5286                     | 5289                       |                                |
|   |          |          | 90                      | 5553                   | 5314     | 5329              | 5261                     | 5465                       |                                |
|   |          |          | 95                      | 5541                   | 5463     | 5574              | 5671                     | 5458                       |                                |



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| -Trial List |          |          |                         |                        |          |                   |                          |                                       |                                |  |  |
|-------------|----------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|--|--|
|             |          | Trial Id | Radar<br>Type           | Pulse<br>Tidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |  |  |
|             | Download | 22       | Туре б                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300.0000000                           | 41                             |  |  |
|             |          |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |  |  |
|             |          |          | 0                       | 5264                   | 5469     | 5351              | 5631                     | 5659                                  |                                |  |  |
|             |          |          | 5                       | 5393                   | 5627     | 5385              | 5279                     | 5578                                  |                                |  |  |
|             |          |          | 10                      | 5428                   | 5529     | 5535              | 5549                     | 5575                                  |                                |  |  |
|             |          |          | 15                      | 5647                   | 5572     | 5274              | 5415                     | 5695                                  |                                |  |  |
|             |          |          | 20                      | 5608                   | 5425     | 5668              | 5722                     | 5389                                  |                                |  |  |
|             |          |          | 25                      | 5544                   | 5370     | 5355              | 5517                     | 5616                                  |                                |  |  |
|             |          |          | 30                      | 5528                   | 5500     | 5633              | 5463                     | 5685                                  |                                |  |  |
|             |          |          | 35                      | 5603                   | 5292     | 5297              | 5349                     | 5513                                  |                                |  |  |
|             |          |          | 40                      | 5577                   | 5509     | 5523              | 5644                     | 5488                                  |                                |  |  |
|             |          |          | 45                      | 5691                   | 5412     | 5678              | 5495                     | 5398                                  |                                |  |  |
|             |          |          | 50                      | 5343                   | 5435     | 5564              | 5526                     | 5451                                  |                                |  |  |
|             |          |          | 55                      | 5589                   | 5462     | 5315              | 5280                     | 5584                                  |                                |  |  |
|             |          |          | 60                      | 5309                   | 5625     | 5336              | 5615                     | 5294                                  |                                |  |  |
|             |          |          | 65                      | 5530                   | 5702     | 5565              | 5596                     | 5345                                  |                                |  |  |
|             |          |          | 70                      | 5670                   | 5630     | 5560              | 5591                     | 5607                                  |                                |  |  |
|             |          |          | 75                      | 5693                   | 5468     | 5477              | 5407                     | 5545                                  |                                |  |  |
|             |          |          | 80                      | 5721                   | 5409     | 5402              | 5525                     | 5552                                  |                                |  |  |
|             |          |          | 85                      | 5381                   | 5483     | 5340              | 5326                     | 5609                                  |                                |  |  |
|             |          |          | 90                      | 5494                   | 5364     | 5499              | 5423                     | 5465                                  |                                |  |  |
|             |          |          | 95                      | 5518                   | 5558     | 5569              | 5716                     | 5718                                  |                                |  |  |



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| -Trial List |          |          |                         |                        |          |                   |                          |                                       |                                |  |  |
|-------------|----------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|--|--|
|             |          | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |  |  |
|             | Download | 23       | Туре б                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300.0000000                           | 36                             |  |  |
|             |          |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |  |  |
|             |          |          | 0                       | 5519                   | 5708     | 5287              | 5695                     | 5501                                  |                                |  |  |
|             |          |          | 5                       | 5435                   | 5649     | 5460              | 5442                     | 5407                                  |                                |  |  |
|             |          |          | 10                      | 5262                   | 5318     | 5576              | 5269                     | 5596                                  |                                |  |  |
|             |          |          | 15                      | 5638                   | 5699     | 5377              | 5412                     | 5591                                  |                                |  |  |
|             |          |          | 20                      | 5706                   | 5336     | 5362              | 5432                     | 5697                                  |                                |  |  |
|             |          |          | 25                      | 5387                   | 5556     | 5454              | 5658                     | 5417                                  |                                |  |  |
|             |          |          | 30                      | 5457                   | 5373     | 5712              | 5408                     | 5645                                  |                                |  |  |
|             |          |          | 35                      | 5480                   | 5568     | 5350              | 5360                     | 5352                                  |                                |  |  |
|             |          |          | 40                      | 5660                   | 5323     | 5652              | 5520                     | 5573                                  |                                |  |  |
|             |          |          | 45                      | 5468                   | 5299     | 5470              | 5634                     | 5285                                  |                                |  |  |
|             |          |          | 50                      | 5274                   | 5486     | 5275              | 5349                     | 5298                                  |                                |  |  |
|             |          |          | 55                      | 5680                   | 5416     | 5463              | 5512                     | 5251                                  |                                |  |  |
|             |          |          | 60                      | 5713                   | 5474     | 5667              | 5683                     | 5453                                  |                                |  |  |
|             |          |          | 65                      | 5282                   | 5438     | 5718              | 5566                     | 5534                                  |                                |  |  |
|             |          |          | 70                      | 5399                   | 5514     | 5656              | 5633                     | 5409                                  |                                |  |  |
|             |          |          | 75                      | 5567                   | 5584     | 5338              | 5545                     | 5623                                  |                                |  |  |
|             |          |          | 80                      | 5490                   | 5663     | 5612              | 5309                     | 5406                                  |                                |  |  |
|             |          |          | 85                      | 5694                   | 5525     | 5499              | 5448                     | 5294                                  |                                |  |  |
|             |          |          | 90                      | 5574                   | 5332     | 5659              | 5370                     | 5436                                  |                                |  |  |
|             |          |          | 95                      | 5477                   | 5415     | 5542              | 5467                     | 5319                                  |                                |  |  |



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| Tr | ial List — |          |                         |                        |          |                   |                          |                                       |                                |
|----|------------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|
|    |            | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |
|    | Download   | 24       | Туре б                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300.0000000                           | 29                             |
|    |            |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |
|    |            |          | 0                       | 5299                   | 5472     | 5698              | 5381                     | 5721                                  |                                |
|    |            |          | 5                       | 5477                   | 5574     | 5535              | 5508                     | 5614                                  |                                |
|    |            |          | 10                      | 5668                   | 5582     | 5617              | 5367                     | 5251                                  |                                |
|    |            |          | 15                      | 5351                   | 5383     | 5505              | 5604                     | 5527                                  |                                |
|    |            |          | 20                      | 5660                   | 5647     | 5328              | 5335                     | 5549                                  |                                |
|    |            |          | 25                      | 5590                   | 5488     | 5700              | 5403                     | 5414                                  |                                |
|    |            |          | 30                      | 5588                   | 5389     | 5703              | 5309                     | 5571                                  |                                |
|    |            |          | 35                      | 5364                   | 5503     | 5274              | 5666                     | 5365                                  |                                |
|    |            |          | 40                      | 5261                   | 5417     | 5517              | 5405                     | 5448                                  |                                |
|    |            |          | 45                      | 5382                   | 5528     | 5687              | 5695                     | 5537                                  |                                |
|    |            |          | 50                      | 5717                   | 5393     | 5370              | 5653                     | 5331                                  |                                |
|    |            |          | 55                      | 5600                   | 5270     | 5639              | 5612                     | 5515                                  |                                |
|    |            |          | 60                      | 5376                   | 5667     | 5269              | 5252                     | 5677                                  |                                |
|    |            |          | 65                      | 5586                   | 5642     | 5258              | 5636                     | 5543                                  |                                |
|    |            |          | 70                      | 5458                   | 5479     | 5623              | 5400                     | 5444                                  |                                |
|    |            |          | 75                      | 5301                   | 5372     | 5428              | 5341                     | 5575                                  |                                |
|    |            |          | 80                      | 5290                   | 5316     | 5345              | 5347                     | 5627                                  |                                |
|    |            |          | 85                      | 5349                   | 5470     | 5565              | 5432                     | 5628                                  |                                |
|    |            |          | 90                      | 5676                   | 5447     | 5672              | 5552                     | 5468                                  |                                |
|    |            |          | 95                      | 5469                   | 5359     | 5321              | 5325                     | 5678                                  |                                |



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| -Trial List |          |          |                         |                        |          |                   |                          |                                       |                                |  |  |
|-------------|----------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|--|--|
|             |          | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Humber |  |  |
|             | Download | 25       | Type 6                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300,0000000                           | 32                             |  |  |
|             |          |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |  |  |
|             |          |          | 0                       | 5457                   | 5711     | 5634              | 5542                     | 5563                                  |                                |  |  |
|             |          |          | 5                       | 5616                   | 5596     | 5610              | 5671                     | 5346                                  |                                |  |  |
|             |          |          | 10                      | 5599                   | 5371     | 5658              | 5562                     | 5638                                  |                                |  |  |
|             |          |          | 15                      | 5339                   | 5381     | 5486              | 5453                     | 5321                                  |                                |  |  |
|             |          |          | 20                      | 5535                   | 5351     | 5588              | 5417                     | 5308                                  |                                |  |  |
|             |          |          | 25                      | 5586                   | 5498     | 5318              | 5289                     | 5522                                  |                                |  |  |
|             |          |          | 30                      | 5364                   | 5292     | 5706              | 5426                     | 5448                                  |                                |  |  |
|             |          |          | 35                      | 5662                   | 5257     | 5656              | 5663                     | 5505                                  |                                |  |  |
|             |          |          | 40                      | 5674                   | 5657     | 5514              | 5334                     | 5428                                  |                                |  |  |
|             |          |          | 45                      | 5465                   | 5489     | 5265              | 5437                     | 5404                                  |                                |  |  |
|             |          |          | 50                      | 5396                   | 5373     | 5564              | 5581                     | 5324                                  |                                |  |  |
|             |          |          | 55                      | 5368                   | 5625     | 5571              | 5399                     | 5329                                  |                                |  |  |
|             |          |          | 60                      | 5557                   | 5347     | 5677              | 5271                     | 5462                                  |                                |  |  |
|             |          |          | 65                      | 5541                   | 5576     | 5383              | 5280                     | 5250                                  |                                |  |  |
|             |          |          | 70                      | 5261                   | 5485     | 5519              | 5502                     | 5578                                  |                                |  |  |
|             |          |          | 75                      | 5525                   | 5604     | 5652              | 5613                     | 5700                                  |                                |  |  |
|             |          |          | 80                      | 5435                   | 5400     | 5609              | 5331                     | 5635                                  |                                |  |  |
|             |          |          | 85                      | 5385                   | 5281     | 5299              | 5595                     | 5350                                  |                                |  |  |
|             |          |          | 90                      | 5382                   | 5407     | 5695              | 5546                     | 5683                                  |                                |  |  |
|             |          |          | 95                      | 5607                   | 5263     | 5655              | 5550                     | 5459                                  |                                |  |  |



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| -Trial List |          |          |                         |                        |          |                   |                          |                                       |                                |
|-------------|----------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|
|             |          | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |
|             | Download | 26       | Туре 6                  | 1.0                    | 333.3    | 9                 | 0.3333                   | 300.0000000                           | 30                             |
|             |          |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |
|             |          |          | 0                       | 5712                   | 5475     | 5570              | 5703                     | 5308                                  |                                |
|             |          |          | 5                       | 5658                   | 5521     | 5685              | 5359                     | 5650                                  |                                |
|             |          |          | 10                      | 5433                   | 5257     | 5699              | 5282                     | 5659                                  |                                |
|             |          |          | 15                      | 5427                   | 5508     | 5589              | 5498                     | 5610                                  |                                |
|             |          |          | 20                      | 5446                   | 5420     | 5626              | 5409                     | 5281                                  |                                |
|             |          |          | 25                      | 5377                   | 5350     | 5424              | 5393                     | 5556                                  |                                |
|             |          |          | 30                      | 5406                   | 5656     | 5328              | 5315                     | 5721                                  |                                |
|             |          |          | 35                      | 5587                   | 5278     | 5528              | 5431                     | 5674                                  |                                |
|             |          |          | 40                      | 5441                   | 5531     | 5515              | 5422                     | 5608                                  |                                |
|             |          |          | 45                      | 5263                   | 5408     | 5548              | 5547                     | 5318                                  |                                |
|             |          |          | 50                      | 5324                   | 5280     | 5572              | 5639                     | 5542                                  |                                |
|             |          |          | 55                      | 5671                   | 5294     | 5558              | 5347                     | 5494                                  |                                |
|             |          |          | 60                      | 5502                   | 5654     | 5600              | 5692                     | 5663                                  |                                |
|             |          |          | 65                      | 5662                   | 5577     | 5311              | 5414                     | 5661                                  |                                |
|             |          |          | 70                      | 5352                   | 5711     | 5361              | 5334                     | 5398                                  |                                |
|             |          |          | 75                      | 5461                   | 5289     | 5698              | 5668                     | 5585                                  |                                |
|             |          |          | 80                      | 5429                   | 5723     | 5481              | 5629                     | 5595                                  |                                |
|             |          |          | 85                      | 5300                   | 5329     | 5331              | 5597                     | 5598                                  |                                |
|             |          |          | 90                      | 5624                   | 5368     | 5645              | 5679                     | 5485                                  |                                |
|             |          |          | 95                      | 5707                   | 5563     | 5591              | 5636                     | 5537                                  |                                |



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| -Trial List |          |          |                         |                        |          |                   |                          |                                       |                                |
|-------------|----------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|
|             |          | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |
| Θ           | Download | 27       | Туре б                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300.0000000                           | 31                             |
|             |          |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |
|             |          |          | 0                       | 5492                   | 5714     | 5506              | 5389                     | 5625                                  |                                |
|             |          |          | 5                       | 5700                   | 5543     | 5285              | 5522                     | 5382                                  |                                |
|             |          |          | 10                      | 5364                   | 5521     | 5265              | 5477                     | 5680                                  |                                |
|             |          |          | 15                      | 5418                   | 5635     | 5692              | 5327                     | 5454                                  |                                |
|             |          |          | 20                      | 5586                   | 5567     | 5498              | 5254                     | 5299                                  |                                |
|             |          |          | 25                      | 5627                   | 5594     | 5590              | 5448                     | 5642                                  |                                |
|             |          |          | 30                      | 5661                   | 5564     | 5541              | 5629                     | 5369                                  |                                |
|             |          |          | 35                      | 5324                   | 5584     | 5588              | 5280                     | 5614                                  |                                |
|             |          |          | 40                      | 5453                   | 5565     | 5605              | 5570                     | 5291                                  |                                |
|             |          |          | 45                      | 5631                   | 5371     | 5589              | 5534                     | 5273                                  |                                |
|             |          |          | 50                      | 5690                   | 5494     | 5355              | 5482                     | 5707                                  |                                |
|             |          |          | 55                      | 5641                   | 5513     | 5657              | 5659                     | 5544                                  |                                |
|             |          |          | 60                      | 5486                   | 5426     | 5638              | 5611                     | 5516                                  |                                |
|             |          |          | 65                      | 5618                   | 5684     | 5464              | 5697                     | 5658                                  |                                |
|             |          |          | 70                      | 5374                   | 5420     | 5258              | 5721                     | 5566                                  |                                |
|             |          |          | 75                      | 5681                   | 5358     | 5262              | 5696                     | 5297                                  |                                |
|             |          |          | 80                      | 5621                   | 5709     | 5439              | 5672                     | 5304                                  |                                |
|             |          |          | 85                      | 5616                   | 5368     | 5491              | 5475                     | 5341                                  |                                |
|             |          |          | 90                      | 5580                   | 5318     | 5281              | 5380                     | 5519                                  |                                |
|             |          |          | 95                      | 5537                   | 5362     | 5645              | 5524                     | 5325                                  |                                |



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| -Trial List |          |          |                         |                        |          |                   |                          |                                       |                                |
|-------------|----------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|
|             |          | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Number |
| Θ           | Download | 28       | Туре 6                  | 1.0                    | 333.3    | 9                 | 0. 3333                  | 300.0000000                           | 31                             |
|             |          |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |
|             |          |          | 0                       | 5272                   | 5478     | 5539              | 5550                     | 5370                                  |                                |
|             |          |          | 5                       | 5267                   | 5565     | 5360              | 5588                     | 5589                                  |                                |
|             |          |          | 10                      | 5295                   | 5310     | 5306              | 5672                     | 5701                                  |                                |
|             |          |          | 15                      | 5506                   | 5287     | 5320              | 5491                     | 5519                                  |                                |
|             |          |          | 20                      | 5462                   | 5655     | 5508              | 5490                     | 5702                                  |                                |
|             |          |          | 25                      | 5531                   | 5626     | 5355              | 5698                     | 5624                                  |                                |
|             |          |          | 30                      | 5717                   | 5401     | 5716              | 5264                     | 5293                                  |                                |
|             |          |          | 35                      | 5557                   | 5692     | 5262              | 5502                     | 5594                                  |                                |
|             |          |          | 40                      | 5319                   | 5391     | 5330              | 5602                     | 5499                                  |                                |
|             |          |          | 45                      | 5271                   | 5336     | 5663              | 5424                     | 5476                                  |                                |
|             |          |          | 50                      | 5410                   | 5449     | 5266              | 5342                     | 5317                                  |                                |
|             |          |          | 55                      | 5299                   | 5670     | 5564              | 5463                     | 5460                                  |                                |
|             |          |          | 60                      | 5387                   | 5311     | 5349              | 5489                     | 5415                                  |                                |
|             |          |          | 65                      | 5252                   | 5681     | 5687              | 5560                     | 5552                                  |                                |
|             |          |          | 70                      | 5353                   | 5576     | 5593              | 5683                     | 5464                                  |                                |
|             |          |          | 75                      | 5507                   | 5350     | 5379              | 5605                     | 5366                                  |                                |
|             |          |          | 80                      | 5382                   | 5547     | 5361              | 5371                     | 5518                                  |                                |
|             |          |          | 85                      | 5385                   | 5721     | 5294              | 5341                     | 5612                                  |                                |
|             |          |          | 90                      | 5378                   | 5621     | 5389              | 5457                     | 5292                                  |                                |
|             |          |          | 95                      | 5534                   | 5497     | 5412              | 5374                     | 5597                                  |                                |



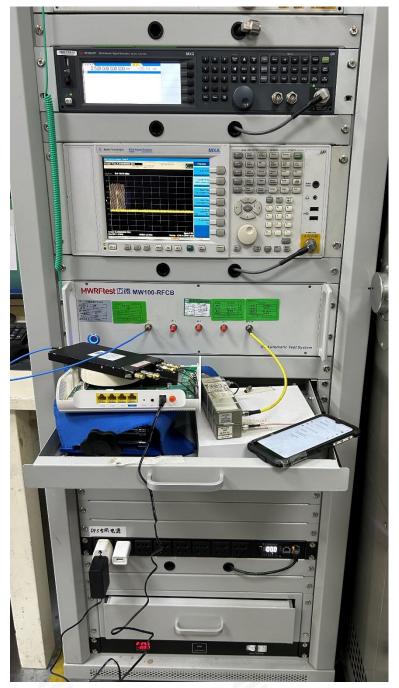
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| -Trial List |          |                         |                        |          |                   |                          |                                       |                                |  |
|-------------|----------|-------------------------|------------------------|----------|-------------------|--------------------------|---------------------------------------|--------------------------------|--|
|             | Trial Id | Radar<br>Type           | Pulse<br>Vidth<br>(us) | PRI (us) | Pulses<br>per Hop | Hopping<br>Rate<br>(kHz) | Hopping<br>Sequence<br>Length<br>(ms) | Visible<br>Frequency<br>Humber |  |
| Downlos     | id 29    | Type 6                  | 1.0                    | 333.3    | 9                 | 0.3333                   | 300.0000000                           | 40                             |  |
|             |          | Frequency<br>List (MHz) | 0                      | 1        | 2                 | 3                        | 4                                     |                                |  |
|             |          | 0                       | 5430                   | 5717     | 5475              | 5711                     | 5687                                  |                                |  |
|             |          | 5                       | 5406                   | 5490     | 5435              | 5276                     | 5321                                  |                                |  |
|             |          | 10                      | 5604                   | 5574     | 5444              | 5295                     | 5722                                  |                                |  |
|             |          | 15                      | 5594                   | 5414     | 5326              | 5536                     | 5373                                  |                                |  |
|             |          | 20                      | 5346                   | 5546     | 5579              | 5675                     | 5419                                  |                                |  |
|             |          | 25                      | 5478                   | 5558     | 5327              | 5658                     | 5629                                  |                                |  |
|             |          | 30                      | 5420                   | 5674     | 5519              | 5559                     | 5432                                  |                                |  |
|             |          | 35                      | 5648                   | 5488     | 5512              | 5513                     | 5433                                  |                                |  |
|             |          | 40                      | 5402                   | 5329     | 5570              | 5599                     | 5331                                  |                                |  |
|             |          | 45                      | 5251                   | 5624     | 5477              | 5266                     | 5286                                  |                                |  |
|             |          | 50                      | 5625                   | 5317     | 5431              | 5518                     | 5621                                  |                                |  |
|             |          | 55                      | 5653                   | 5279     | 5358              | 5343                     | 5514                                  |                                |  |
|             |          | 60                      | 5434                   | 5650     | 5627              | 5413                     | 5509                                  |                                |  |
|             |          | 65                      | 5491                   | 5660     | 5371              | 5545                     | 5665                                  |                                |  |
|             |          | 70                      | 5291                   | 5467     | 5259              | 5338                     | 5486                                  |                                |  |
|             |          | 75                      | 5428                   | 5528     | 5613              | 5481                     | 5299                                  |                                |  |
|             |          | 80                      | 5549                   | 5309     | 5612              | 5695                     | 5681                                  |                                |  |
|             |          | 85                      | 5581                   | 5422     | 5540              | 5386                     | 5699                                  |                                |  |
|             |          | 90                      | 5503                   | 5446     | 5256              | 5462                     | 5640                                  |                                |  |
|             |          | 95                      | 5427                   | 5377     | 5487              | 5398                     | 5307                                  |                                |  |

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#### 3.2.5 DFS Test photo



\* \* \* \* \* END OF THE REPORT \* \* \* \* \*