



DFS TEST REPORT

REPORT NO.: RF121016C15A-1

MODEL NO.: DIR-855L

FCC ID: KA2IR855LA1

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ISSUED: Jan. 23, 2013

APPLICANT: D-Link Corporation

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RELEASE CONTROL RECORD

| ISSUE NO. | REASON FOR CHANGE | DATE ISSUED |
|----------------|-------------------|---------------|
| RF121016C15A-1 | Original release. | Jan. 23, 2013 |



1. CERTIFICATION

PRODUCT: Wireless N900 Dual Band Gigabit Router / Cloud Router 3000

MODEL NO.: DIR-855L

BRAND: D-Link

APPLICANT: D-Link Corporation

TESTED: Jan. 16, 2013

TEST SAMPLE: ENGINEERING SAMPLE

STANDARDS: FCC Part 15, Subpart E (Section 15.407)

FCC 06-96

The above equipment (model: DIR-855L) has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

PREPARED BY : Sun J , DATE : Jan. 23, 2013
Sun J
Suntee Liu / Specialist

APPROVED BY : Ken Liu , DATE : Jan. 23, 2013
Ken Liu
Ken Liu / Manager

2. EUT INFORMATION

2.1 OPERATING FREQUENCY BANDS AND MODE OF EUT

TABLE 1: OPERATING FREQUENCY BANDS AND MODE OF EUT

| OPERATIONAL MODE | OPERATING FREQUENCY RANGE | |
|------------------|---------------------------|--------------|
| | 5250~5350MHz | 5470~5725MHz |
| Master | ✓ | ✓ |

The EUT doesn't operate in 5600 ~ 5650MHz via software controls.

2.2 EUT SOFTWARE AND FIRMWARE VERSION

TABLE 2: THE EUT SOFTWARE/FIRMWARE VERSION

| NO. | PRODUCT | MODEL NO. | SOFTWARE VERSION |
|-----|--|-----------|--|
| 1 | Wireless N900 Dual Band Gigabit Router / Cloud Router 3000 | DIR-855L | 1.00 , 28, Dec, 2012 Wireless Domain(5GHz): 0x3a |

2.3 DESCRIPTION OF AVAILABLE ANTENNAS TO THE EUT

TABLE 3: ANTENNA LIST

| ANT NO. | ANTENNA TYPE | OPERATION FREQUENCY RANGE (MHz) | MAX. GAIN (dBi) |
|---------|--------------|---------------------------------|-----------------|
| 1 | PCB | 5250-5725 | 0 |
| 2 | PCB | 5250-5725 | 0 |
| 3 | PCB | 5250-5725 | 0 |
| 4 | PCB | 5250-5725 | 0 |
| 5 | PCB | 5250-5725 | 0 |
| 6 | PCB | 5250-5725 | 0 |

2.4 EUT MAXIMUM AND MINIMUM CONDUCTED POWER

TABLE 4: THE MEASURED CONDUCTED OUTPUT POWER

802.11a

| ANT NO. | FREQUENCY BAND (MHz) | MAX. POWER | |
|---------|----------------------|-------------------|------------------|
| | | OUTPUT POWER(dBm) | OUTPUT POWER(mW) |
| 1 | 5250~5350 | 22.67 | 184.845 |
| 1 | 5470~5725 | 22.31 | 170.085 |

802.11n (20MHz)

| ANT NO. | FREQUENCY BAND (MHz) | MAX. POWER | |
|---------|----------------------|-------------------|------------------|
| | | OUTPUT POWER(dBm) | OUTPUT POWER(mW) |
| 1 | 5250~5350 | 22.51 | 178.150 |
| 1 | 5470~5725 | 22.39 | 173.574 |

802.11n (40MHz)

| ANT NO. | FREQUENCY BAND (MHz) | MAX. POWER | |
|---------|----------------------|-------------------|------------------|
| | | OUTPUT POWER(dBm) | OUTPUT POWER(mW) |
| 1 | 5250~5350 | 23.90 | 245.483 |
| 1 | 5470~5725 | 23.14 | 206.233 |

2.5 EUT MAXIMUM AND MINIMUM E.I.R.P. POWER

TABLE 5: THE E.I.R.P OUTPUT POWER LIST

802.11a

| ANT NO. | FREQUENCY BAND (MHz) | MAX. POWER | |
|---------|----------------------|-------------------|------------------|
| | | OUTPUT POWER(dBm) | OUTPUT POWER(mW) |
| 1 | 5250~5350 | 22.67 | 184.845 |
| 1 | 5470~5725 | 22.31 | 170.085 |

802.11n (20MHz)

| ANT NO. | FREQUENCY BAND (MHz) | MAX. POWER | |
|---------|----------------------|-------------------|------------------|
| | | OUTPUT POWER(dBm) | OUTPUT POWER(mW) |
| 1 | 5250~5350 | 22.51 | 178.150 |
| 1 | 5470~5725 | 22.39 | 173.574 |

802.11n (40MHz)

| ANT NO. | FREQUENCY BAND (MHz) | MAX. POWER | |
|---------|----------------------|-------------------|------------------|
| | | OUTPUT POWER(dBm) | OUTPUT POWER(mW) |
| 1 | 5250~5350 | 23.90 | 245.483 |
| 1 | 5470~5725 | 23.14 | 206.233 |

3. U-NII DFS RULE REQUIREMENTS

3.1 WORKING MODES AND REQUIRED TEST ITEMS

The manufacturer shall state whether the UUT is capable of operating as a Master and/or a Client. If the UUT is capable of operating in more than one operating mode then each operating mode shall be tested separately. See tables 1 and 2 for the applicability of DFS requirements for each of the operational modes.

TABLE 6: APPLICABILITY OF DFS REQUIREMENTS PRIOR TO USE A CHANNEL

| REQUIREMENT | OPERATIONAL MODE | | |
|---------------------------------|------------------|--------------------------------|-----------------------------|
| | MASTER | CLIENT WITHOUT RADAR DETECTION | CLIENT WITH RADAR DETECTION |
| Non-Occupancy Period | ✓ | Not required | ✓ |
| DFS Detection Threshold | ✓ | Not required | ✓ |
| Channel Availability Check Time | ✓ | Not required | Not required |
| Uniform Spreading | ✓ | Not required | Not required |
| U-NII Detection Bandwidth | ✓ | Not required | ✓ |

TABLE 7: APPLICABILITY OF DFS REQUIREMENTS DURING NORMAL OPERATION

| REQUIREMENT | OPERATIONAL MODE | | |
|-----------------------------------|------------------|--------------------------------|-----------------------------|
| | MASTER | CLIENT WITHOUT RADAR DETECTION | CLIENT WITH RADAR DETECTION |
| DFS Detection Threshold | ✓ | Not required | ✓ |
| Channel Closing Transmission Time | ✓ | ✓ | ✓ |
| Channel Move Time | ✓ | ✓ | ✓ |
| U-NII Detection Bandwidth | ✓ | Not required | ✓ |

3.2 TEST LIMITS AND RADAR SIGNAL PARAMETERS

DETECTION THRESHOLD VALUES

TABLE 8: DFS DETECTION THRESHOLDS FOR MASTER DEVICES AND CLIENT DEVICES WITH RADAR DETECTION

| MAXIMUM TRANSMIT POWER | VALUE (SEE Note 1 and 2) |
|------------------------|--------------------------|
| ≥ 200 milliwatt | -64 dBm |
| < 200 milliwatt | -62 dBm |

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

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

TABLE 9: 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 80% of the UNII 99% transmission power bandwidth. See Note 3. |

Note 1: The instant that the Channel Move Time and the Channel Closing Transmission Time begins is as follows:

- For the Short Pulse Radar Test Signals this instant is the end of the Burst.
- For the Frequency Hopping radar Test Signal, this instant is the end of the last radar Burst generated.
- For the Long Pulse Radar Test Signal this instant is the end of the 12 second period defining the Radar Waveform.

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 1 is used and for each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

PARAMETERS OF DFS TEST SIGNALS

Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test waveforms.

TABLE 10: SHORT PULSE RADAR TEST WAVEFORMS

| RADAR TYPE | PULSE WIDTH (μsec) | PRI (μsec) | NUMBER OF PULSES | MINIMUM PERCENTAGE OF SUCCESSFUL DETECTION | MINIMUM NUMBER OF TRIALS |
|-----------------------------|--------------------|------------|------------------|--|--------------------------|
| 1 | 1 | 1428 | 18 | 60% | 30 |
| 2 | 1-5 | 150-230 | 23-29 | 60% | 30 |
| 3 | 6-10 | 200-500 | 16-18 | 60% | 30 |
| 4 | 11-20 | 200-500 | 12-16 | 60% | 30 |
| Aggregate (Radar Types 1-4) | | | | 80% | 120 |

TABLE 11: LONG PULSE RADAR TEST WAVEFORM

| RADAR TYPE | PULSE WIDTH (μsec) | CHIRP WIDTH (MHz) | PRI (μsec) | NUMBER OF PULSES PER BURST | NUMBER OF BURSTS | MINIMUM PERCENTAGE OF SUCCESSFUL DETECTION | MINIMUM NUMBER OF TRIALS |
|------------|--------------------|-------------------|------------|----------------------------|------------------|--|--------------------------|
| 5 | 50-100 | 5-20 | 1000-2000 | 1-3 | 8-20 | 80% | 30 |

TABLE 12: FREQUENCY HOPPING RADAR TEST WAVEFORM

| RADAR TYPE | PULSE WIDTH (μsec) | PRI (μsec) | PULSES PER HOP | HOPPING RATE (kHz) | HOPPING SEQUENCE LENGTH (msec) | MINIMUM PERCENTAGE OF SUCCESSFUL DETECTION | MINIMUM NUMBER OF TRIALS |
|------------|--------------------|------------|----------------|--------------------|--------------------------------|--|--------------------------|
| 6 | 1 | 333 | 9 | 0.333 | 300 | 70% | 30 |

4. TEST & SUPPORT EQUIPMENT LIST

4.1 TEST INSTRUMENTS

TABLE 1: TEST INSTRUMENTS LIST

| DESCRIPTION & MANUFACTURER | MODEL NO. | BRAND | DATE OF CALIBRATION | DUE DATE OF CALIBRATION |
|----------------------------|----------------|-----------|---------------------|-------------------------|
| R&S Spectrum analyzer | FSP40 | R&S | Jan. 30, 2012 | Jan. 29, 2013 |
| Signal generator | 8645A | Agilent | Jun. 11, 2012 | Jun. 10, 2013 |
| Oscilloscope | TDS 5104 | Tektronix | Mar. 05, 2012 | Mar. 04, 2013 |
| Control PC | Pavilion a320d | HP | - | - |

4.2 DESCRIPTION OF SUPPORT UNITS

TABLE 2: SUPPORT UNIT INFORMATION.

| NO. | PRODUCT | BRAND | MODEL NO. | FCC ID |
|-----|------------------------|---------|---------------|----------------|
| 1 | Wireless-N USB adapter | BUFFALO | WLI-UC-AG300N | FDI-09102079-0 |

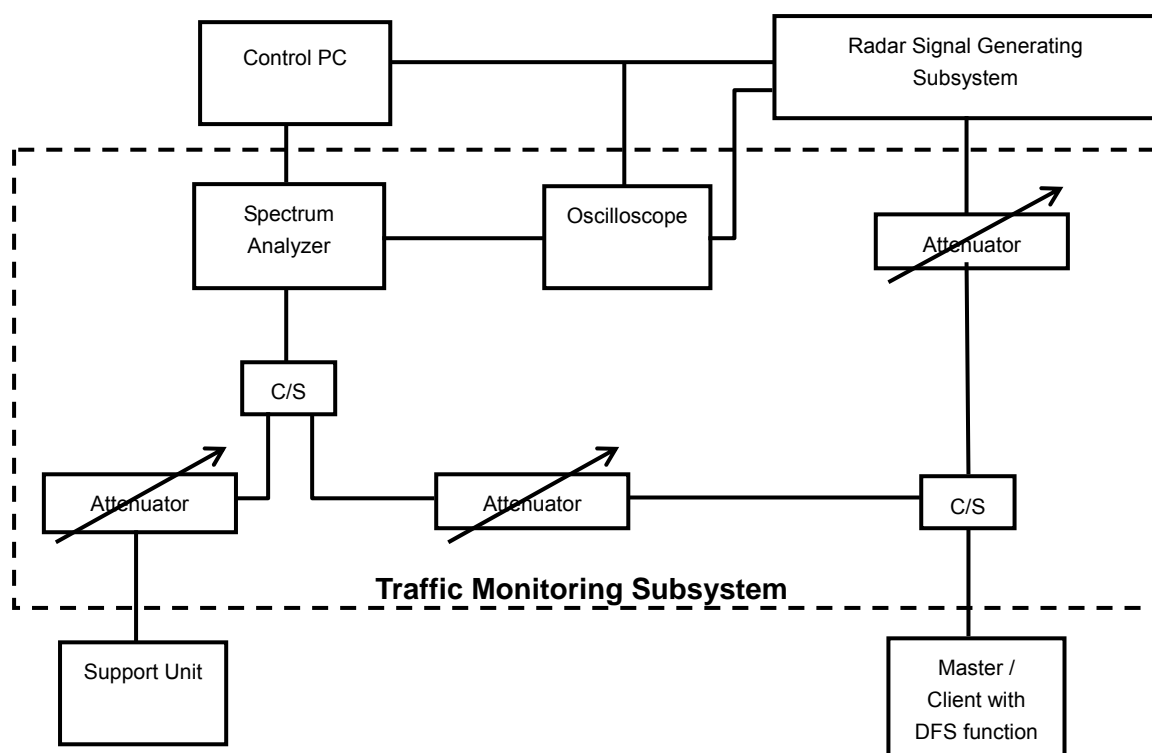
NOTE: This device was functioned as a Master Slave device during the DFS test.

5. TEST PROCEDURE

5.1 ADT DFS MEASUREMENT SYSTEM:

A complete ADT DFS Measurement System consists of two subsystems: (1) the Radar Signal Generating Subsystem and (2) the Traffic Monitoring Subsystem. The control PC is necessary for generating the Radar waveforms in Table 6, 7 and 8. The traffic monitoring subsystem is specified to the type of unit under test (UUT).

CONDUCTED SETUP CONFIGURATION OF ADT DFS MEASUREMENT SYSTEM



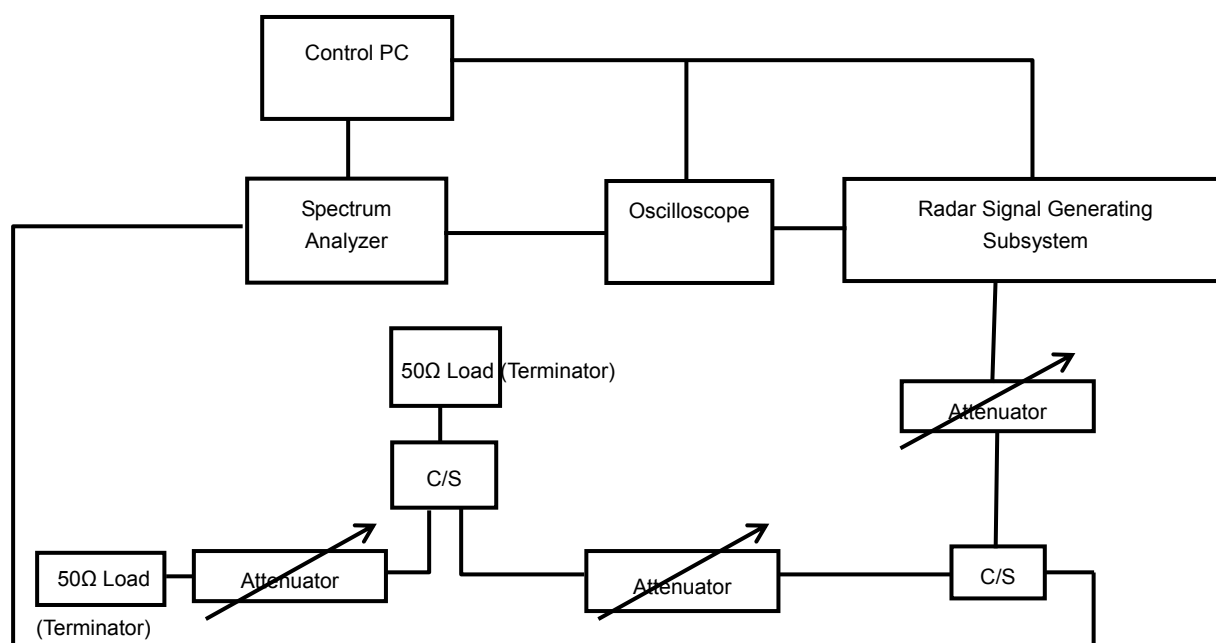
The test transmission will always be from the Master Device to the Client Device. While the Client device is set up to associate with the Master device and play the NTIA DFS MPEG file (6 $\frac{1}{2}$ Magic Hours) from Master device, the designated wav test file and instructions are located at:

<http://ntiacsd.ntia.doc.gov/dfs/>.

5.2 CALIBRATION OF DFS DETECTION THRESHOLD LEVEL:

The measured channel is 5500MHz. The radar signal was the same as transmitted channels, and injected into the antenna port of AP (master) or Client Device with Radar Detection, measured the channel closing transmission time and channel move time. The Master minimum antenna gain is 0dBi and required detection threshold is -64dBm. The calibrated conducted detection threshold level is set to -60dBm. The tested level is lower than required level hence it provides margin to the limit.

CONDUCTED SETUP CONFIGURATION OF CALIBRATION OF DFS DETECTION THRESHOLD LEVEL

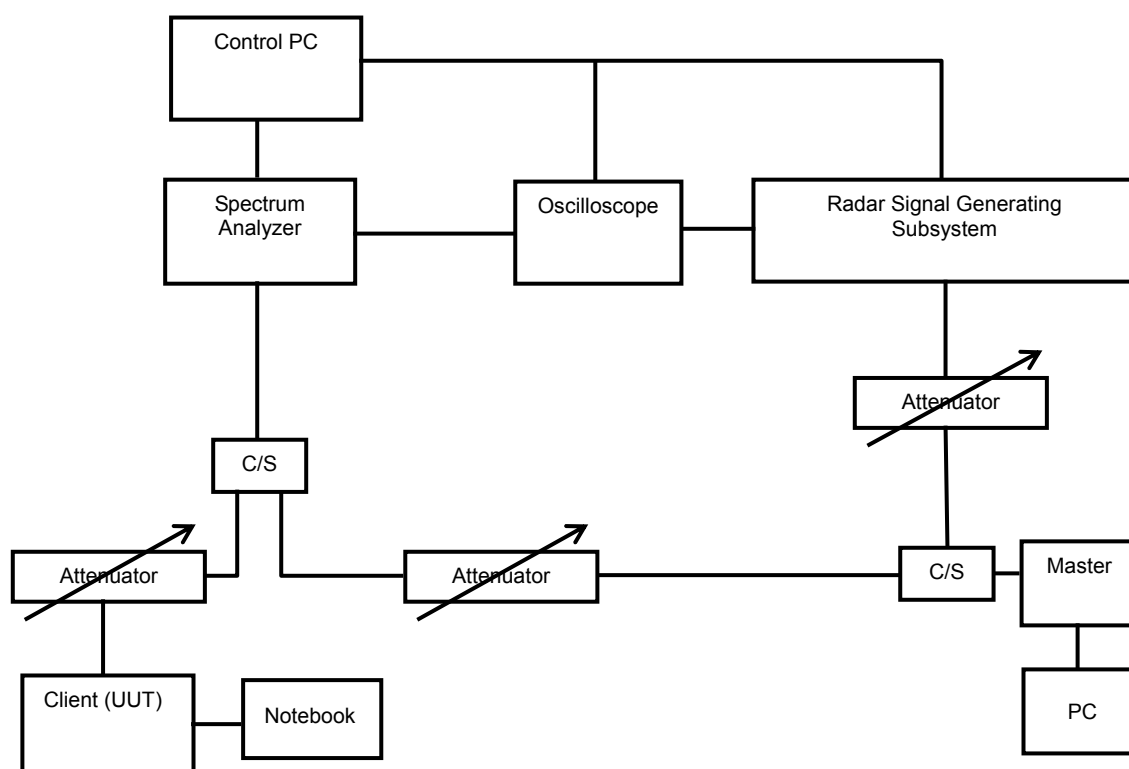


5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 CONDUCTED TEST SETUP CONFIGURATION

5.4.1 CLIENT WITHOUT RADAR DETECTION MODE



The UUT is a U-NII Device operating in Client mode without radar detection. The radar test signals are injected into the Master Device.

6. TEST RESULTS

6.1 SUMMARY OF TEST RESULTS

| CLAUSE | TEST PARAMETER | REMARKS | PASS/FAIL |
|--------|-----------------------------------|------------|-----------|
| 15.407 | DFS Detection Threshold | Applicable | Pass |
| 15.407 | U-NII Detection Bandwidth | Applicable | Pass |
| 15.407 | Channel Availability Check Time | Applicable | Pass |
| 15.407 | Channel Move Time | Applicable | Pass |
| 15.407 | Channel Closing Transmission Time | Applicable | Pass |
| 15.407 | Non- Occupancy Period | Applicable | Pass |
| 15.407 | Uniform Spreading | Applicable | Pass |

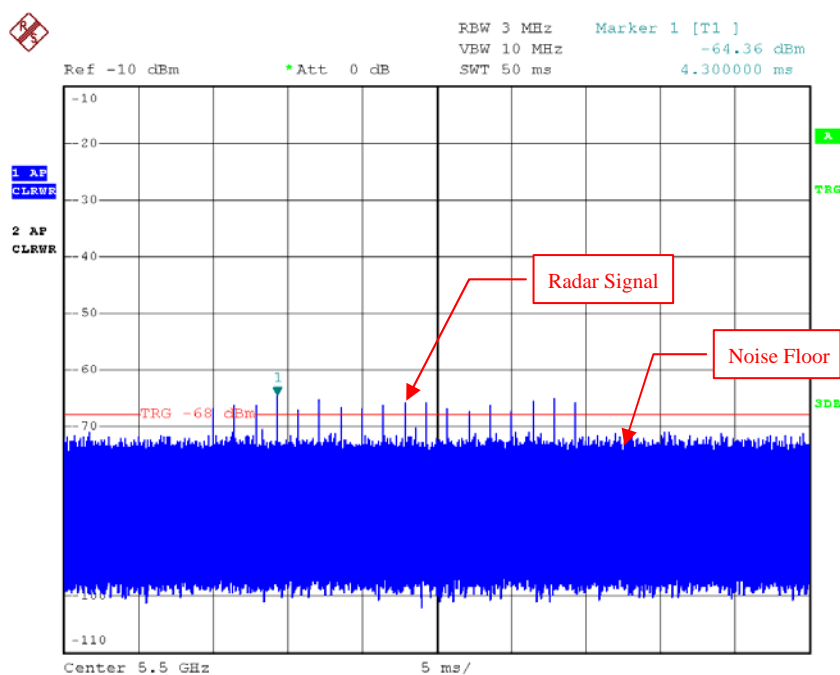
6.2 DETELED TEST RESULTS

6.2.1 TEST MODE: DEVICE OPERATING IN CLIENT WITHOUT RADAR DETECTION MODE

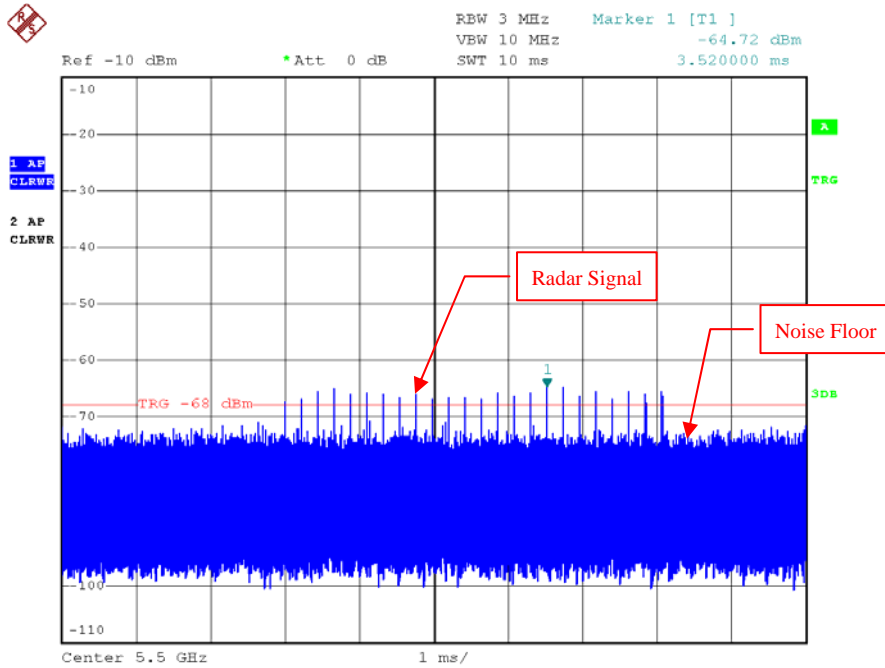
Master with injection at the Master. (Radar Test Waveforms are injected into the Master.

DFS DETECTION THRESHOLD

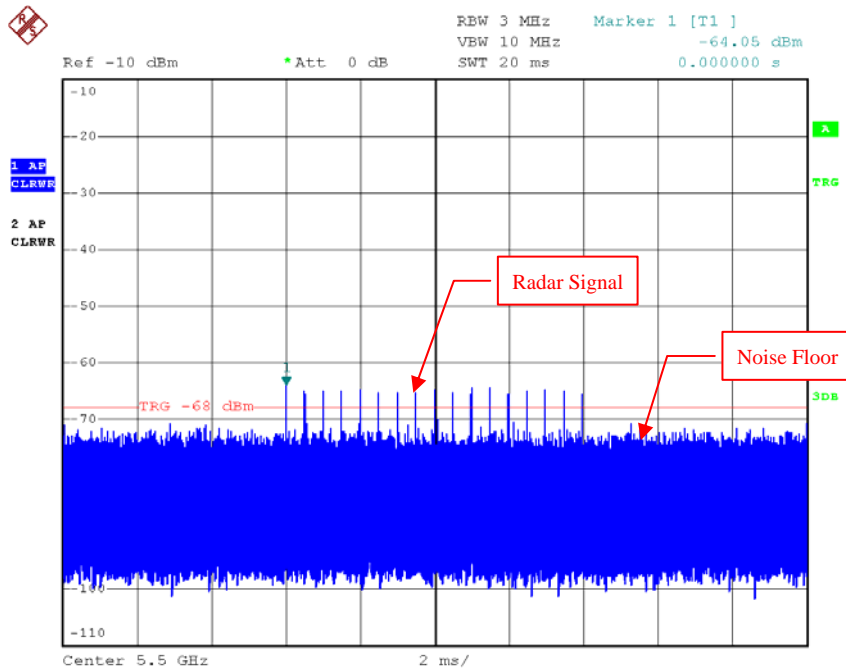
For a detection threshold level of -64dBm and the Master minimum antenna gain is 0 dBi , and required detection threshold is -64 dBm ($= -64 + 0$). The conducted radar burst level is set to -64 dBm .



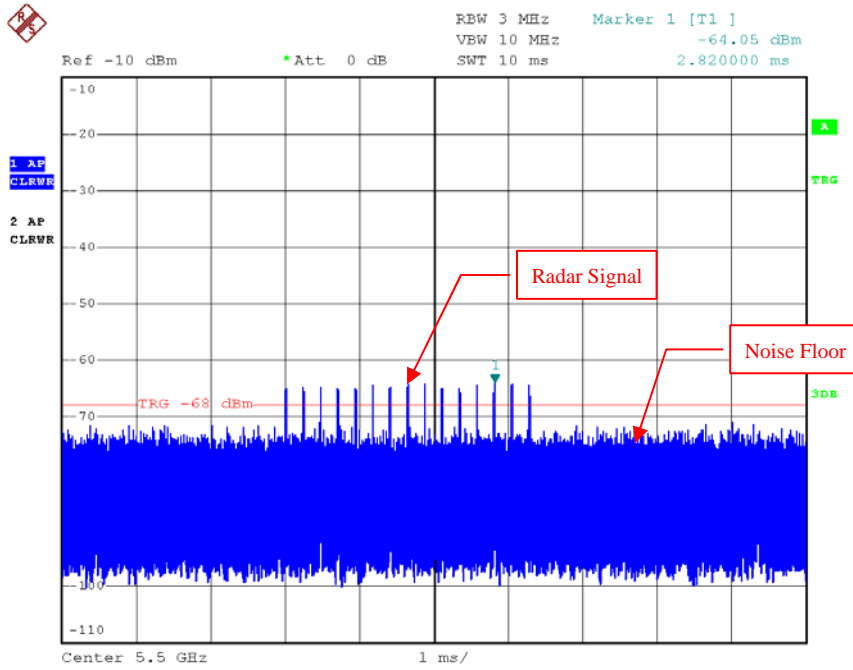
Radar Signal 1



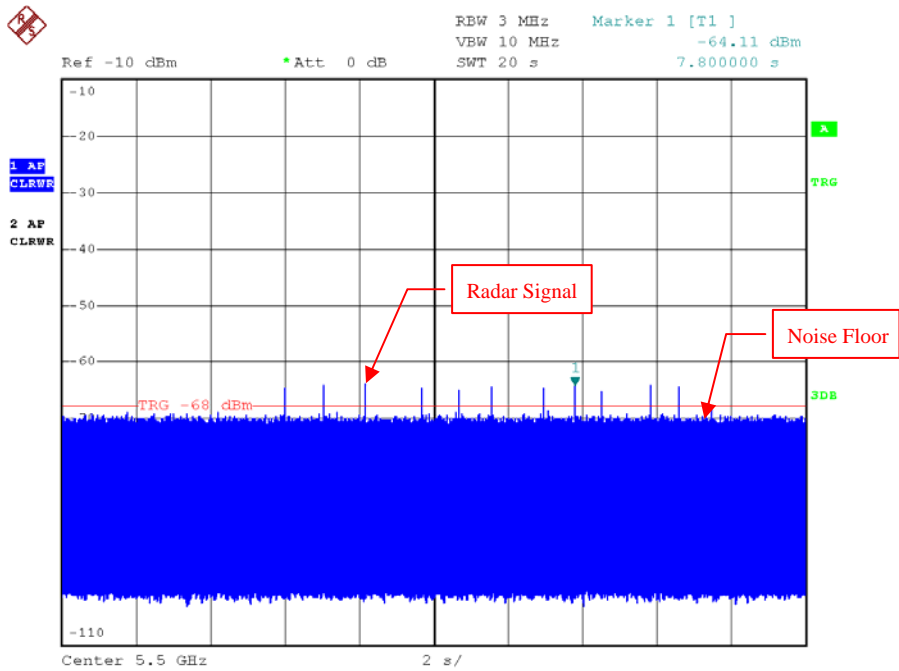
Radar Signal 2



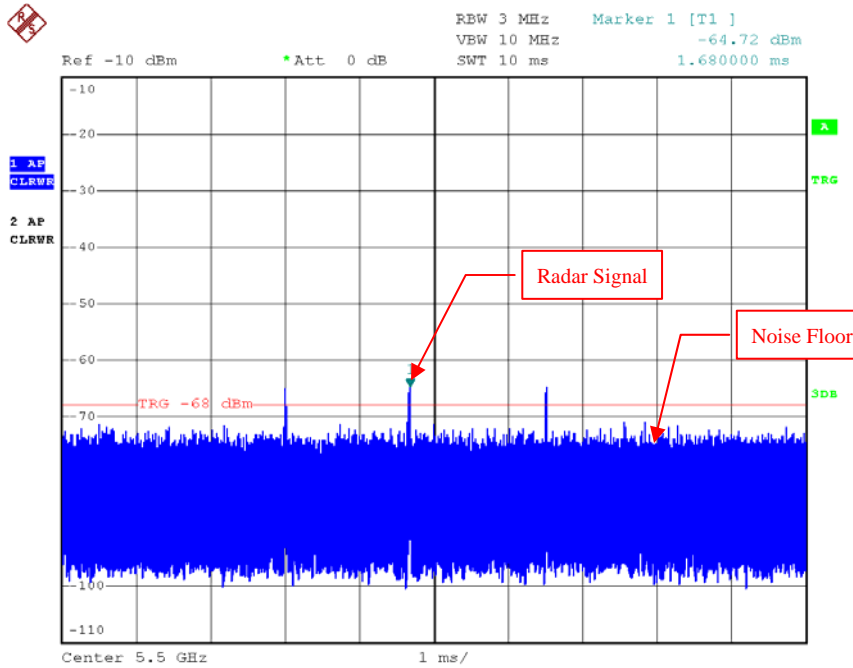
Radar Signal 3



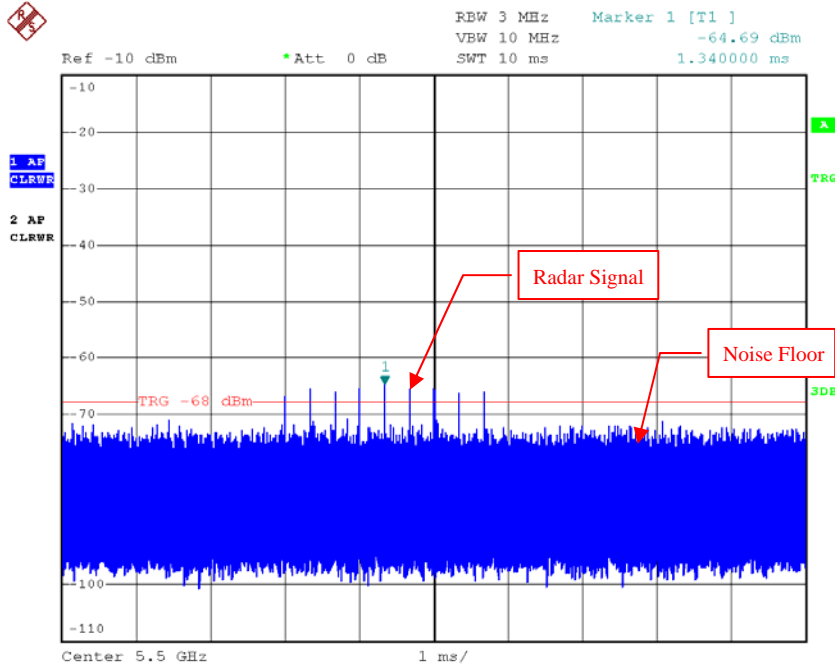
Radar Signal 4



Radar Signal 5



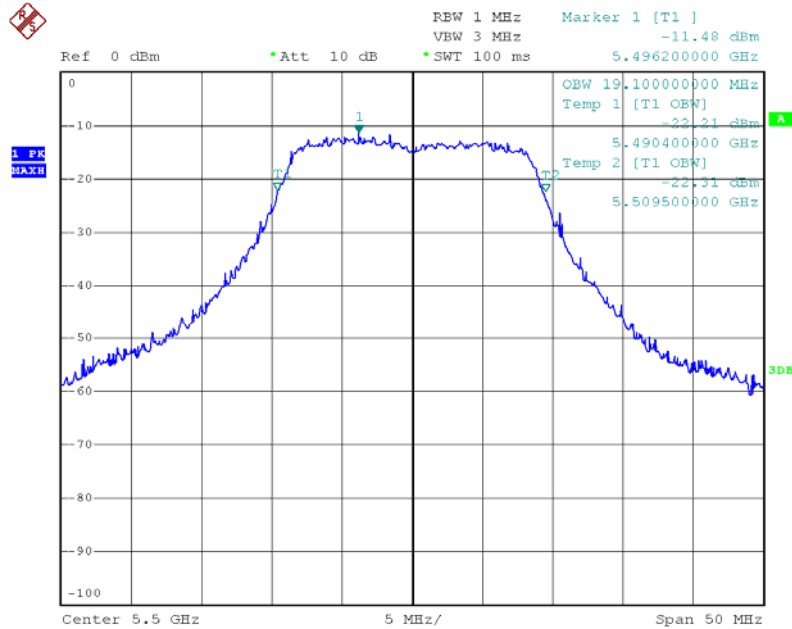
Single Burst of Radar Signal 5



Radar Signal 6

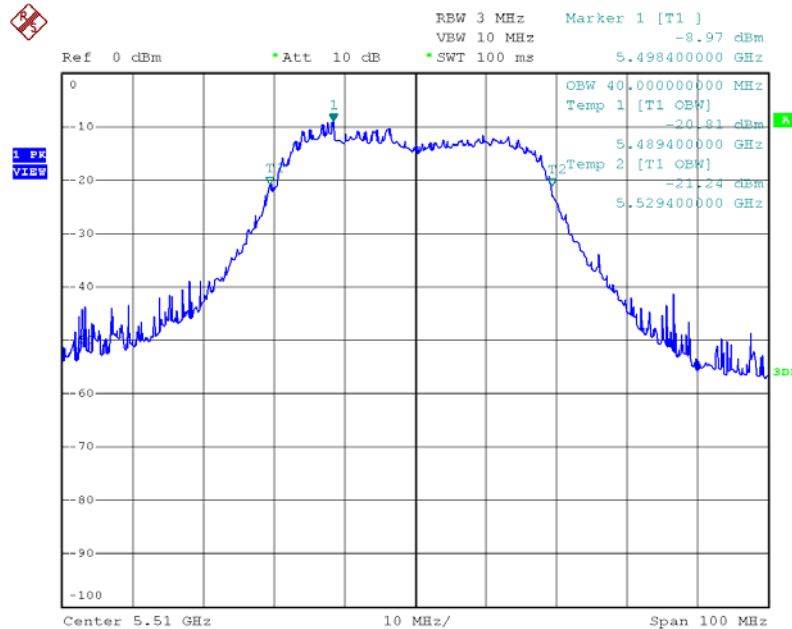
6.2.2 U-NII DETECTION BANDWIDTH

IEEE 802.11n 20MHz



U-NII 99% Channel bandwidth

IEEE 802.11n 40MHz



U-NII 99% Channel bandwidth



Detection Bandwidth Test - IEEE 802.11n 20MHz
 EUT Frequency: 5500MHz
 EUT 99% Power bandwidth: 19.1MHz
 Detection bandwidth limit (80% of EUT 99% Power bandwidth): 15.28MHz
 Detection bandwidth (5510(FH) – 5490(FL)) : 20MHz
 Test Result : PASS

| Radar Frequency (MHz) | Trial Number / Detection | | | | | | | | | | Detection Rate (%) |
|-----------------------|--------------------------|---|---|---|---|---|---|---|---|----|--------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| 5489 | N | N | N | N | N | N | N | N | N | N | 0 |
| 5490(FL) | Y | Y | Y | N | Y | Y | Y | Y | Y | Y | 90 |
| 5491 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5492 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5493 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5494 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5495 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5496 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5497 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5498 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5499 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5500 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5501 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5502 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5503 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5504 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5505 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5506 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5507 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5508 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5509 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5510(FH) | Y | Y | Y | Y | Y | N | Y | Y | Y | Y | 90 |
| 5511 | N | N | N | N | N | N | N | N | N | N | 0 |

Detection Bandwidth Test - IEEE 802.11n 40MHz

EUT Frequency: 5510MHz

EUT 99% Power bandwidth: 40MHz

Detection bandwidth limit (80% of EUT 99% Power bandwidth): 32MHz

Detection bandwidth (5528(FH) – 5492(FL)) : 36MHz

Test Result : PASS

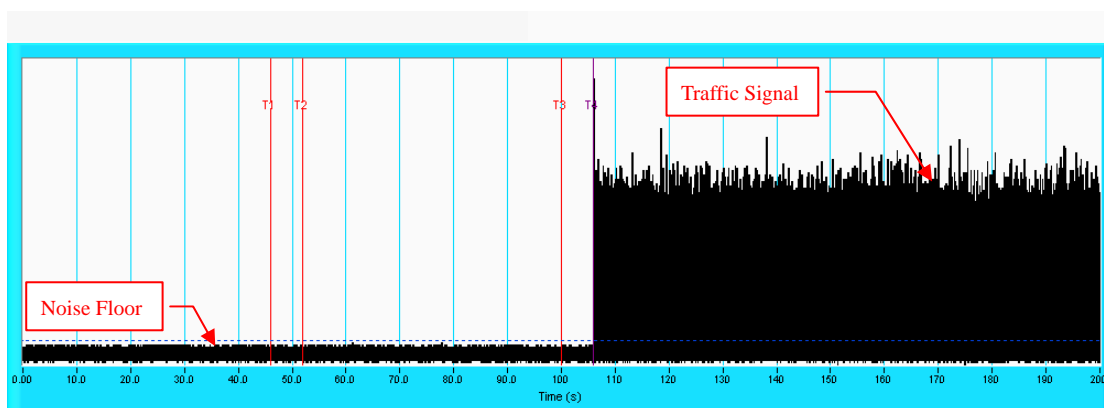
| Radar Frequency (MHz) | Trial Number / Detection | | | | | | | | | | Detection Rate (%) |
|-----------------------|--------------------------|---|---|---|---|---|---|---|---|----|--------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| 5491 | N | N | N | N | N | N | N | N | N | N | 0 |
| 5492(FL) | Y | Y | Y | Y | Y | Y | Y | N | Y | Y | 90 |
| 5493 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5494 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5495 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5496 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5497 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5498 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5499 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5500 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5501 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5502 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5503 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5504 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5505 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5506 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5507 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5508 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5509 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5510 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5511 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5512 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5513 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5514 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5515 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5516 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5517 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5518 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5519 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5520 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5521 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5522 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5523 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5524 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5525 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5526 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5527 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5528(FH) | Y | Y | N | Y | Y | Y | Y | Y | Y | Y | 100 |
| 5529 | N | N | N | N | N | N | N | N | N | N | 0 |

6.2.3 CHANNEL AVAILABILITY CHECK TIME

If the EUT successfully detected the radar burst, it should be observed as the EUT has no transmissions occurred until the EUT starts transmitting on another channel.

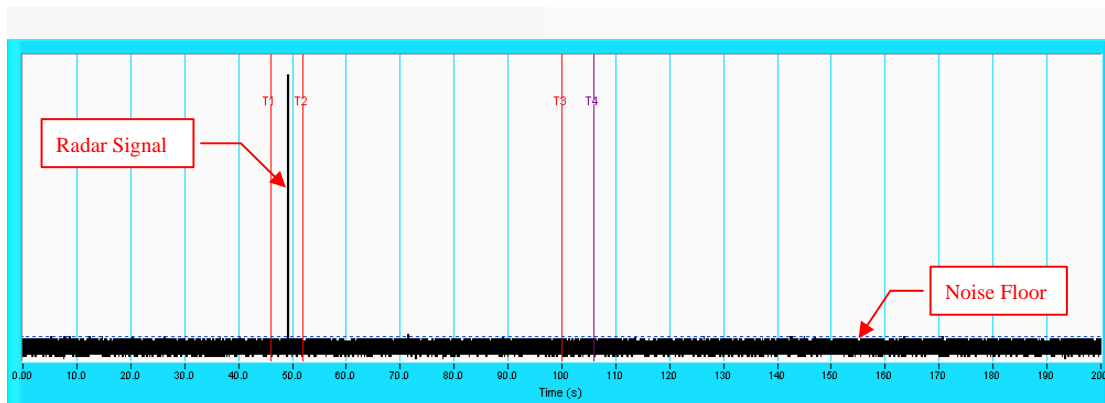
| Timing of Radar Signal | Observation | |
|------------------------|-------------|-------------------|
| | EUT | Spectrum Analyzer |
| Within 1 to 6 second | Detected | No transmissions |
| Within 54 to 60 second | Detected | No transmissions |

Initial Channel Availability Check Time



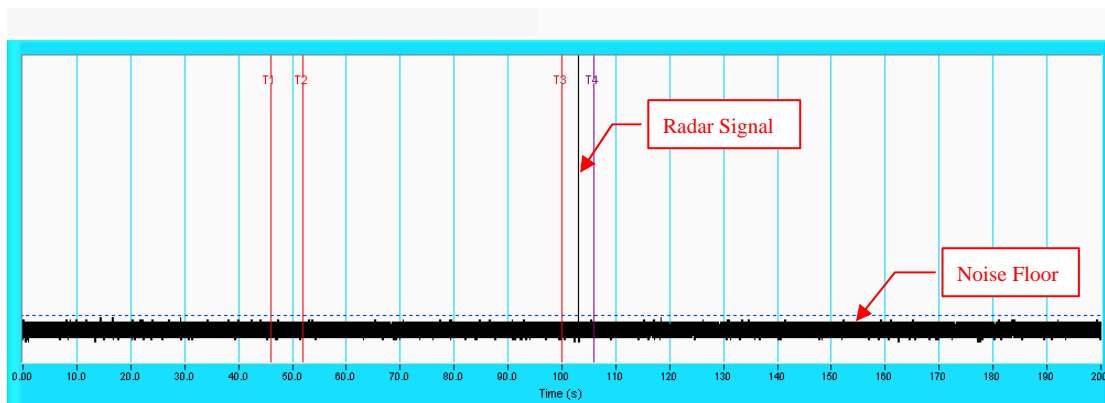
NOTE: T1 denotes the end of power-up time period is 46th second. T4 denotes the end of Channel Availability Check time is 106th second. Channel Availability Check time is equal to (T4 – T1) 60 seconds.

Radar Burst at the Beginning of the Channel Availability Check Time



NOTE: T1 denotes the end of power up time period is 46th second. T2 denotes 52th second, the radar burst was commenced within a 6 second window starting from the end of power-up sequence. T4 denotes the 106th second.

Radar Burst at the End of the Channel Availability Check Time

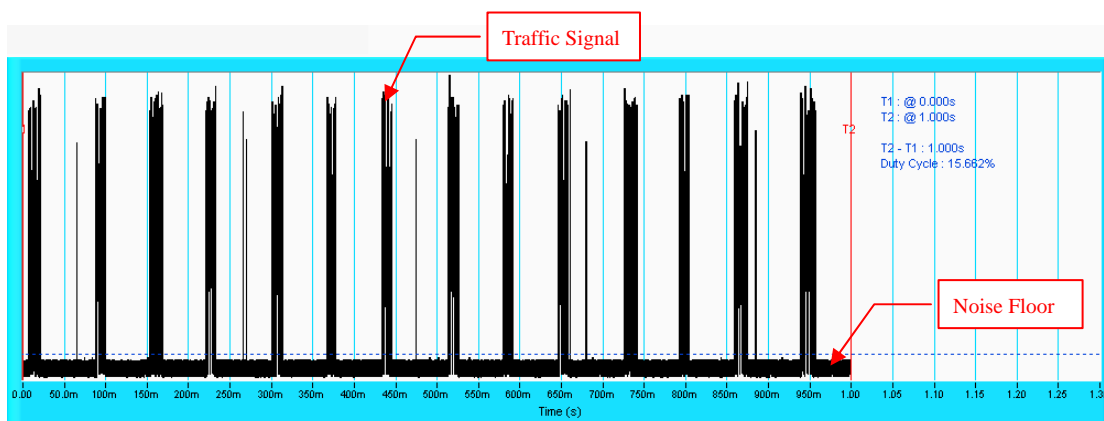


NOTE: T1 denotes the end of power up time period is 46th second. T3 denotes 100th second and radar burst was commenced within 54th second to 60th second window starting from the end of power-up sequence. T4 denotes the 106th second.

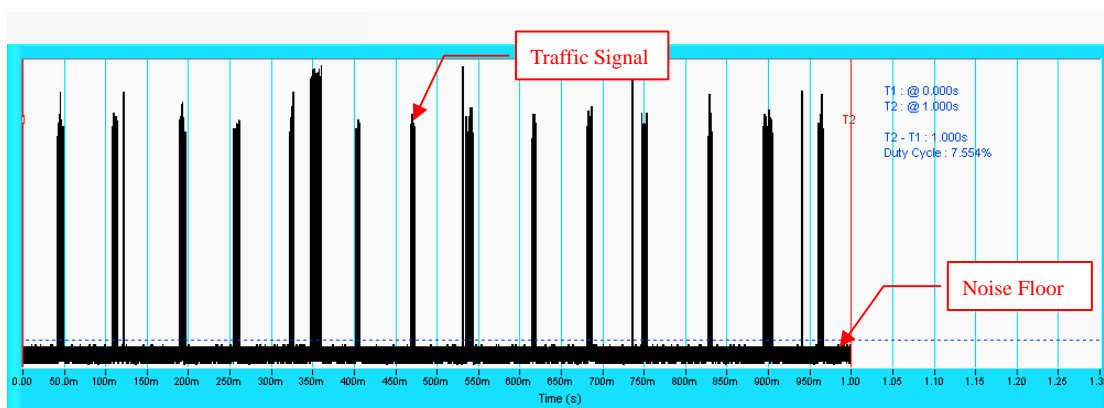
6.2.4 CHANNEL CLOSING TRANSMISSION AND CHANNEL MOVE TIME

Wireless Traffic Loading

IEEE 802.11n 20MHz



IEEE 802.11n 40MHz



IEEE 802.11n 20MHz

Table 1: Short Pulse Radar Test Waveforms.

| Radar Type | Pulse Width (µsec) | PRI (µsec) | Number of Pulses | Number of Trials(Times) | Percentage of Successful Detection (%) |
|-----------------------------|--------------------|------------|------------------|-------------------------|--|
| 1 | 1 | 1428 | 18 | 30 | 100 |
| 2 | 1-5 | 150-230 | 23-29 | 30 | 93.3 |
| 3 | 6-10 | 200-500 | 16-18 | 30 | 96.7 |
| 4 | 11-20 | 200-500 | 12-16 | 30 | 90 |
| Aggregate (Radar Types 1-4) | | | | 120 | 95 |

Table 2: Long Pulse Radar Test Waveform

| Radar Type | Pulse Width (µsec) | Chirp Width (MHz) | PRI (µsec) | Number of Pulses per Burst | Number of Bursts | Number of Trials(Times) | Percentage of Successful Detection (%) |
|------------|--------------------|-------------------|------------|----------------------------|------------------|-------------------------|--|
| 5 | 50-100 | 5-20 | 1000-2000 | 1-3 | 8-20 | 30 | 83.3 |

Table 3: Frequency Hopping Radar Test Waveform

| Radar Type | Pulse Width (µsec) | PRI (µsec) | Pulses per Hop | Hopping Rate (kHz) | Hopping Sequence Length (msec) | Number of Trials(Times) | Percentage of Successful Detection (%) |
|------------|--------------------|------------|----------------|--------------------|--------------------------------|-------------------------|--|
| 6 | 1 | 333 | 9 | 0.333 | 300 | 30 | 100 |

The Detailed Radar pattern and Statistical Performance showed in Annex A.

IEEE 802.11n 40MHz

Table 1: Short Pulse Radar Test Waveforms.

| Radar Type | Pulse Width (µsec) | PRI (µsec) | Number of Pulses | Number of Trials(Times) | Percentage of Successful Detection (%) |
|-----------------------------|--------------------|------------|------------------|-------------------------|--|
| 1 | 1 | 1428 | 18 | 30 | 100 |
| 2 | 1-5 | 150-230 | 23-29 | 30 | 90 |
| 3 | 6-10 | 200-500 | 16-18 | 30 | 93.3 |
| 4 | 11-20 | 200-500 | 12-16 | 30 | 100 |
| Aggregate (Radar Types 1-4) | | | | 120 | 95.825 |

Table 2: Long Pulse Radar Test Waveform

| Radar Type | Pulse Width (µsec) | Chirp Width (MHz) | PRI (µsec) | Number of Pulses per Burst | Number of Bursts | Number of Trials(Times) | Percentage of Successful Detection (%) |
|------------|--------------------|-------------------|------------|----------------------------|------------------|-------------------------|--|
| 5 | 50-100 | 5-20 | 1000-2000 | 1-3 | 8-20 | 30 | 86.7 |

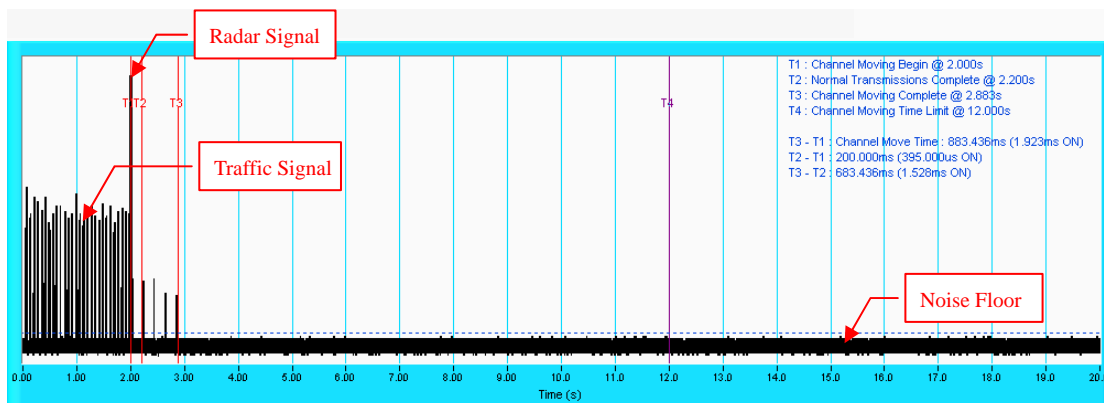
Table 3: Frequency Hopping Radar Test Waveform

| Radar Type | Pulse Width (µsec) | PRI (µsec) | Pulses per Hop | Hopping Rate (kHz) | Hopping Sequence Length (msec) | Number of Trials(Times) | Percentage of Successful Detection (%) |
|------------|--------------------|------------|----------------|--------------------|--------------------------------|-------------------------|--|
| 6 | 1 | 333 | 9 | 0.333 | 300 | 30 | 96.7 |

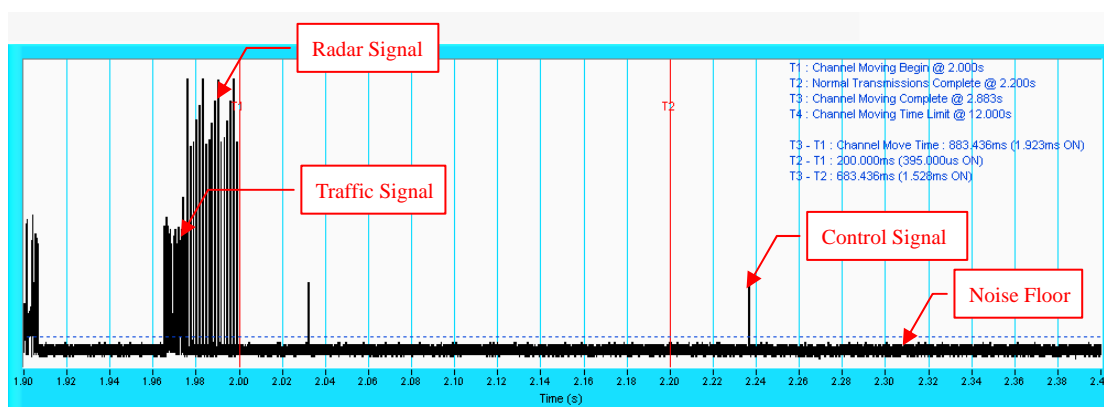
The Detailed Radar pattern and Statistical Performance showed in Annex A.

Radar signal 1

IEEE 802.11n 20MHz



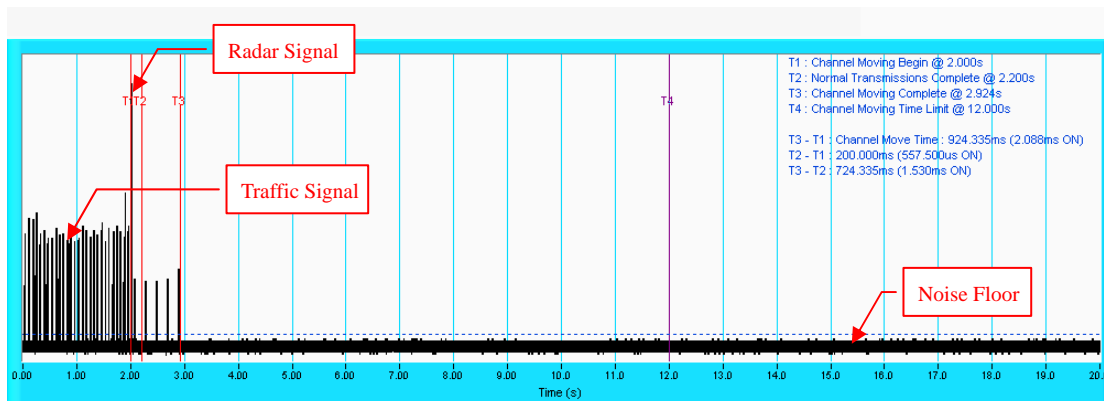
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



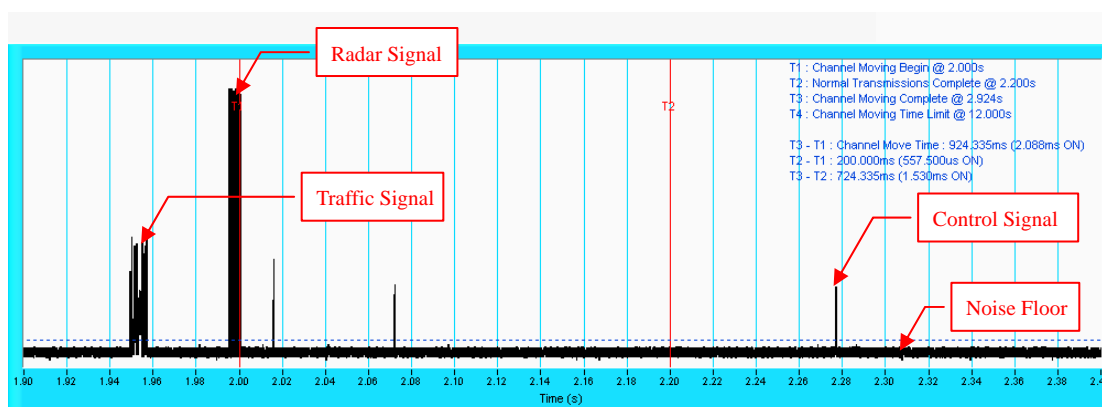
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 2

IEEE 802.11n 20MHz



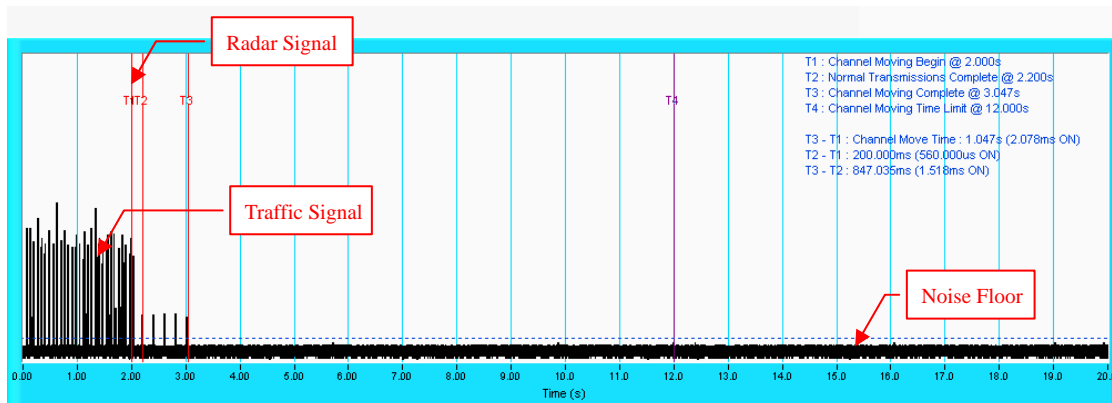
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



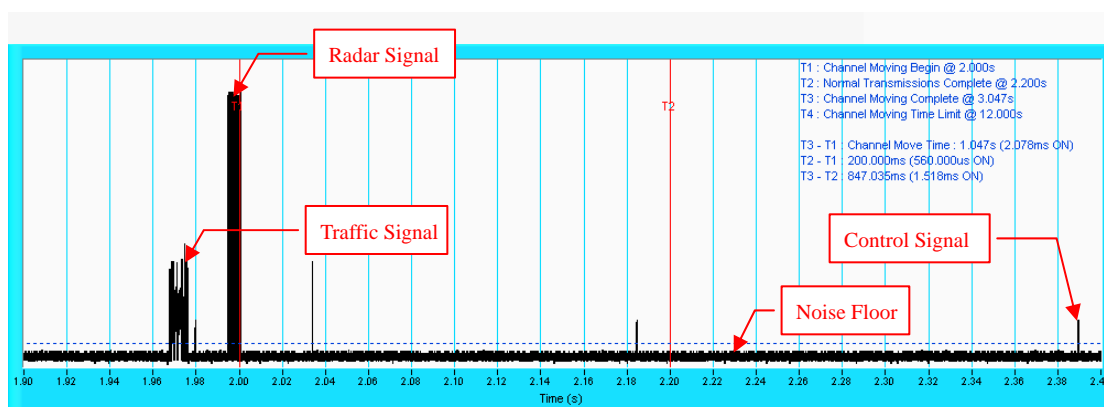
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 3

IEEE 802.11n 20MHz



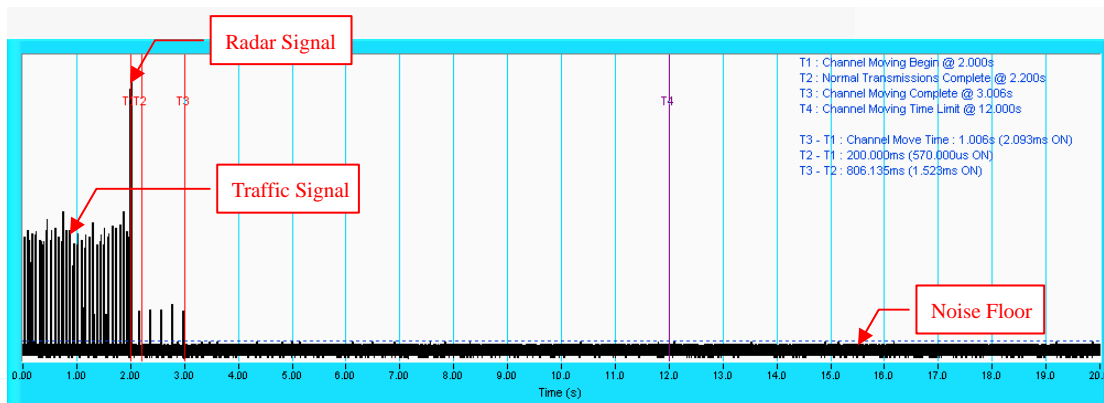
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



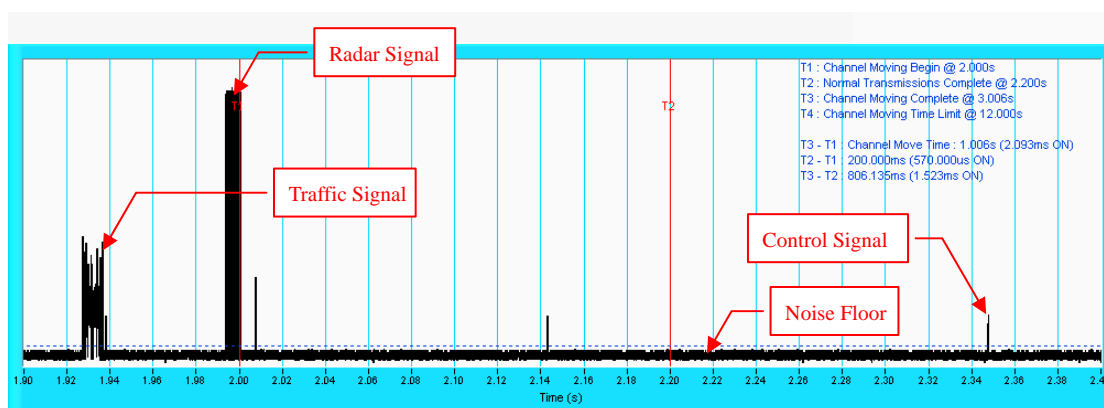
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 4

IEEE 802.11n 20MHz



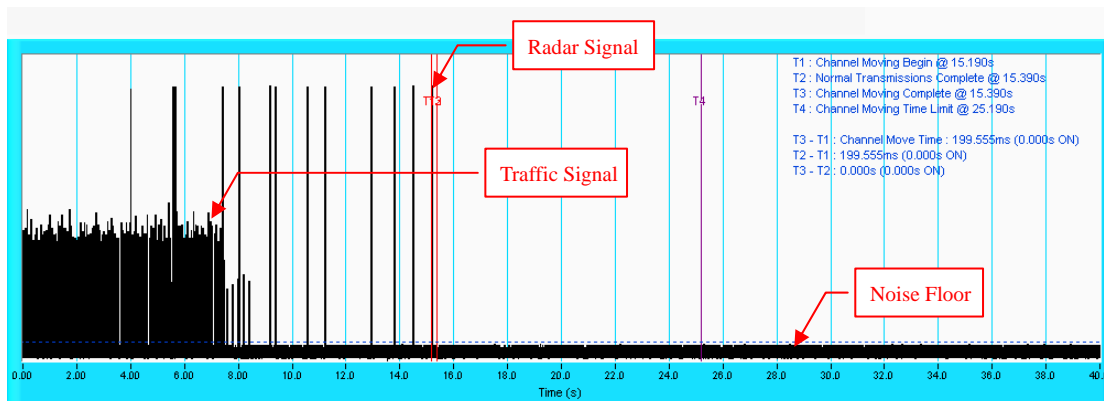
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



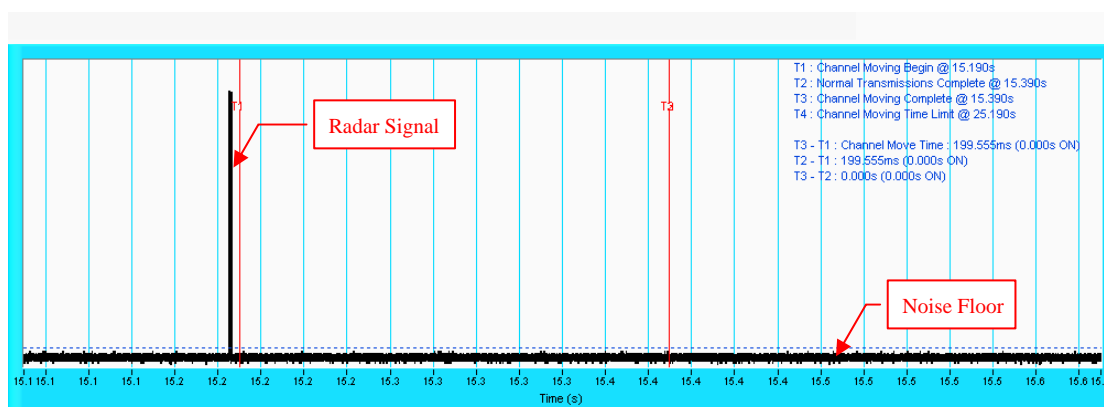
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 5

IEEE 802.11n 20MHz



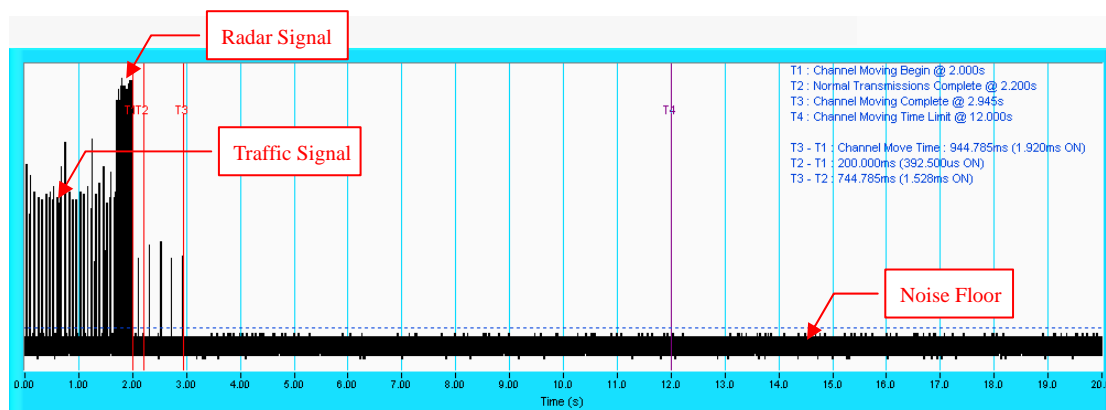
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



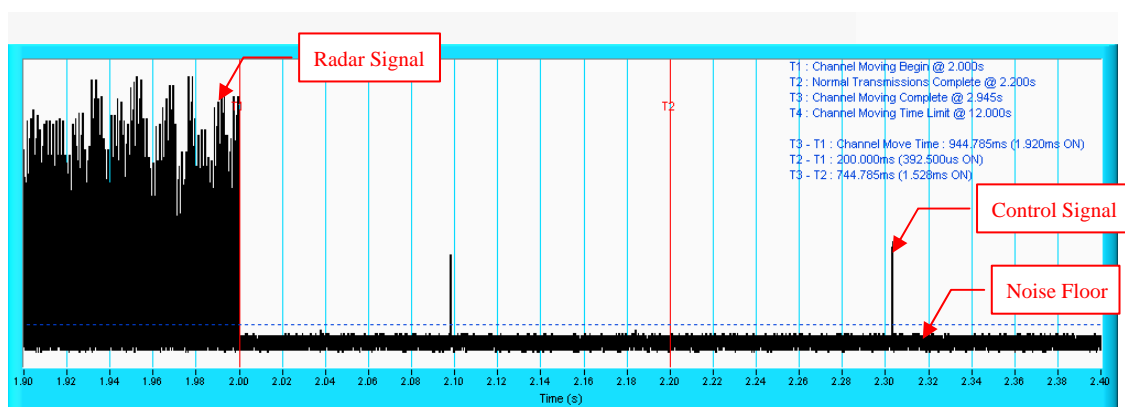
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 6

IEEE 802.11n 20MHz



NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



NOTE: Room-in of the first 500ms after radar signal applied.

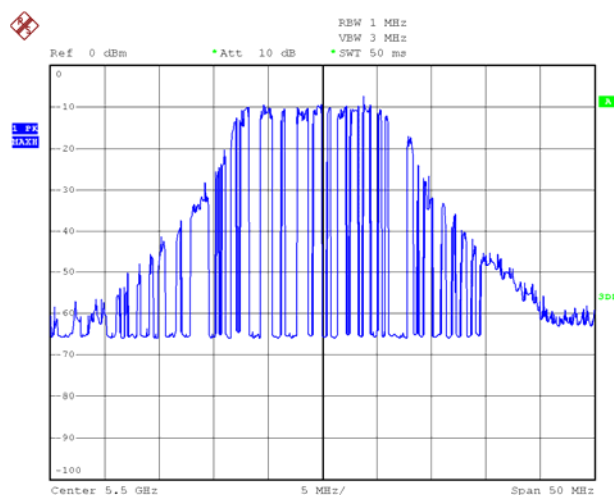
6.2.5 NON-OCCUPANCY PERIOD

Associate test:

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.

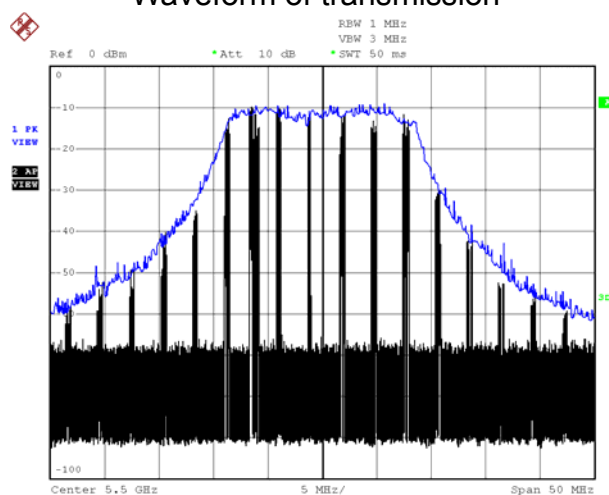
- 1) EUT (Client) links with master on 5500MHz.

Waveform of EUT links up with Master



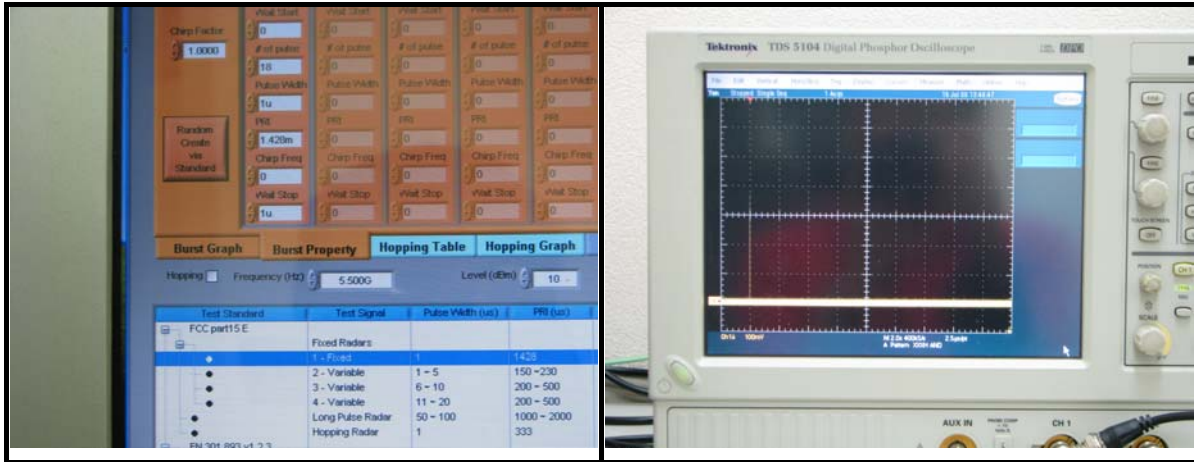
- 2) Client plays specified files via master.

Waveform of transmission



3) Radar signal is applied to the Master device and WiFi traffic signal stop immediately.

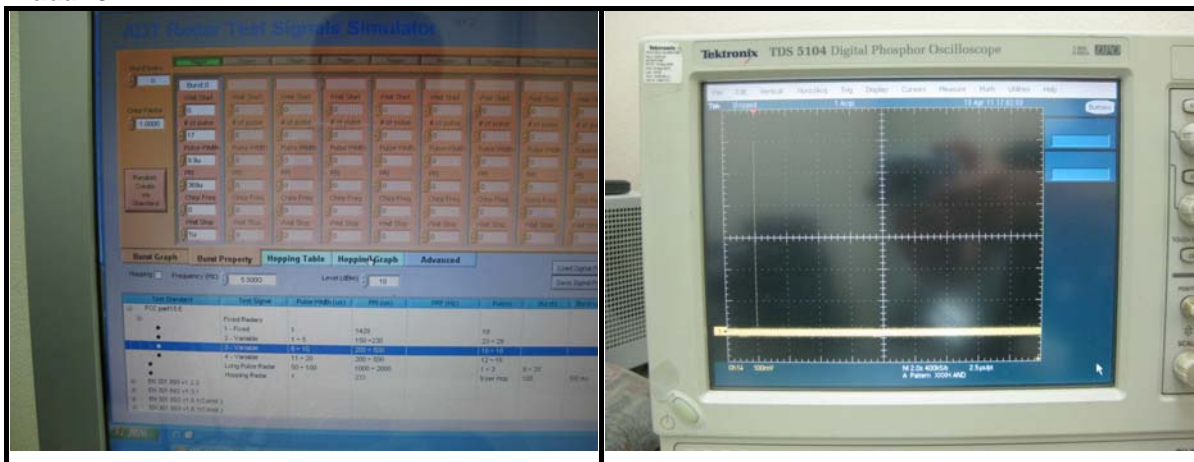
Radar 1



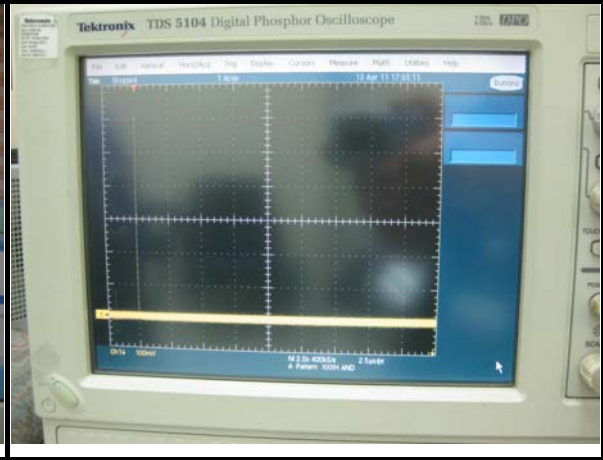
Radar 2



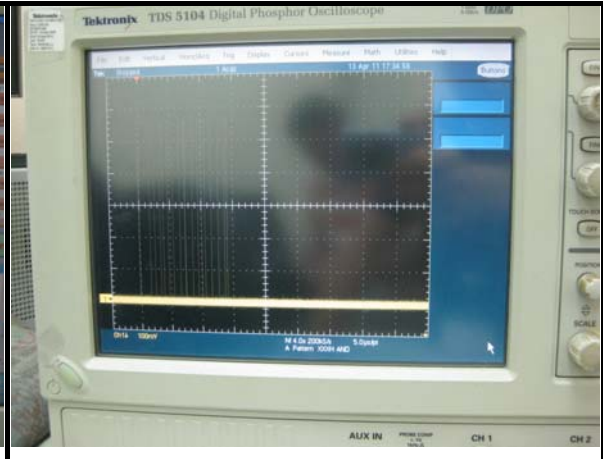
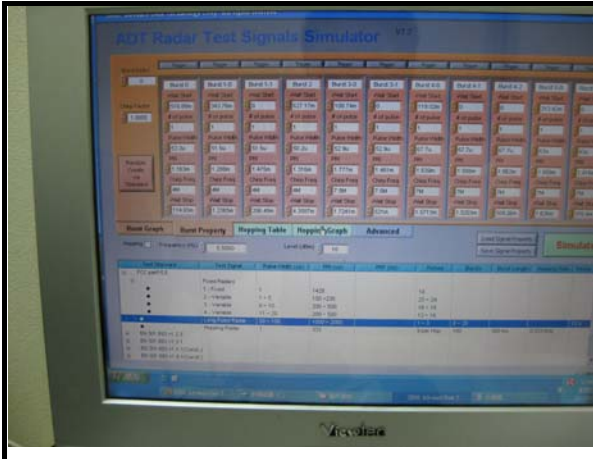
Radar 3



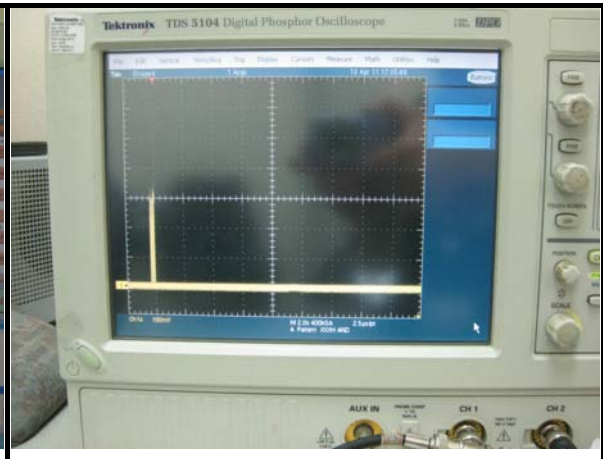
Radar 4



Radar 5



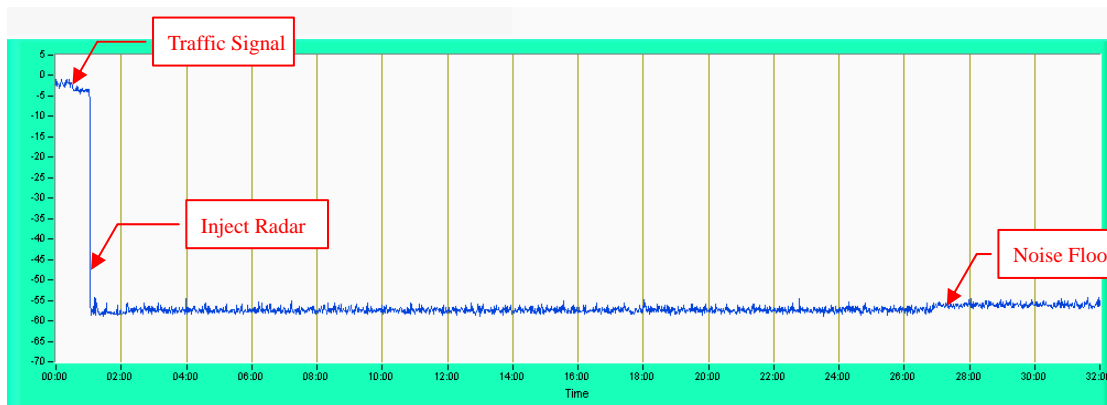
Radar 6



4) 5500MHz has been monitored in 30 minutes period. In this period, no any transmission occurs.

Plot of 30minutes period

802.11an 20M



6.2.6 UNIFORM SPREADING

The intention of the uniform spreading is to provide, on aggregate, a uniform loading of the spectrum. The EUT using the DFS bands 5250 to 5350MHz and 5470 to 5725 MHz channels so that the probability of selecting a given channel shall be the same for all channels.

The EUT will select channel by random mode and mark this channel after detecting radar signal, so that will select unused channel by random mode.

6.2.7 TRANSMIT POWER CONTROL (TPC)

According to FCC 15.407(h)(1) the TPC mechanism is not required for system with an E.I.R.P. of less 500mW



7. TESTING LABORATORIES INFORMATION

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

Linko EMC/RF Lab:
Tel: 886-2-26052180
Fax: 886-2-26051924

Hsin Chu EMC/RF Lab:
Tel: 886-3-5935343
Fax: 886-3-5935342

Hwa Ya EMC/RF/Safety Telecom Lab:
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Fax: 886-3-3270892

Email: service.adt@tw.bureauveritas.com
Web Site: www.bureauveritas-adt.com

The address and road map of all our labs can be found in our web site also.

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Annex-A

Annex A.1 : The Detailed Radar pattern and Statistical Performance

IEEE 802.11n 20MHz

| Type 1 Radar Statistical Performances | | | | |
|---------------------------------------|------------------|-----------------|---------|-------------------------|
| Trial # | Pulses per Burst | Pulse Width (s) | PRI (s) | Detection |
| 1 | 18 | 1.0u | 1.428m | Yes |
| 2 | 18 | 1.0u | 1.428m | Yes |
| 3 | 18 | 1.0u | 1.428m | Yes |
| 4 | 18 | 1.0u | 1.428m | Yes |
| 5 | 18 | 1.0u | 1.428m | Yes |
| 6 | 18 | 1.0u | 1.428m | Yes |
| 7 | 18 | 1.0u | 1.428m | Yes |
| 8 | 18 | 1.0u | 1.428m | Yes |
| 9 | 18 | 1.0u | 1.428m | Yes |
| 10 | 18 | 1.0u | 1.428m | Yes |
| 11 | 18 | 1.0u | 1.428m | Yes |
| 12 | 18 | 1.0u | 1.428m | Yes |
| 13 | 18 | 1.0u | 1.428m | Yes |
| 14 | 18 | 1.0u | 1.428m | Yes |
| 15 | 18 | 1.0u | 1.428m | Yes |
| 16 | 18 | 1.0u | 1.428m | Yes |
| 17 | 18 | 1.0u | 1.428m | Yes |
| 18 | 18 | 1.0u | 1.428m | Yes |
| 19 | 18 | 1.0u | 1.428m | Yes |
| 20 | 18 | 1.0u | 1.428m | Yes |
| 21 | 18 | 1.0u | 1.428m | Yes |
| 22 | 18 | 1.0u | 1.428m | Yes |
| 23 | 18 | 1.0u | 1.428m | Yes |
| 24 | 18 | 1.0u | 1.428m | Yes |
| 25 | 18 | 1.0u | 1.428m | Yes |
| 26 | 18 | 1.0u | 1.428m | Yes |
| 27 | 18 | 1.0u | 1.428m | Yes |
| 28 | 18 | 1.0u | 1.428m | Yes |
| 29 | 18 | 1.0u | 1.428m | Yes |
| 30 | 18 | 1.0u | 1.428m | Yes |
| | | | | Detection Rate: 100.0 % |

| Type 2 Radar Statistical Performances | | | | |
|---------------------------------------|------------------|-----------------|------------------------|-----------|
| Trial # | Pulses per Burst | Pulse Width (s) | PRI (s) | Detection |
| 1 | 24 | 3.4u | 162.0u | Yes |
| 2 | 28 | 1.5u | 192.0u | Yes |
| 3 | 28 | 4.3u | 210.0u | Yes |
| 4 | 26 | 1.7u | 158.0u | Yes |
| 5 | 28 | 1.0u | 176.0u | Yes |
| 6 | 24 | 1.9u | 189.0u | Yes |
| 7 | 24 | 2.7u | 212.0u | Yes |
| 8 | 25 | 3.5u | 216.0u | No |
| 9 | 27 | 3.7u | 184.0u | Yes |
| 10 | 29 | 1.7u | 189.0u | Yes |
| 11 | 23 | 4.7u | 217.0u | Yes |
| 12 | 24 | 2.4u | 207.0u | Yes |
| 13 | 25 | 3.3u | 174.0u | Yes |
| 14 | 24 | 3.3u | 174.0u | Yes |
| 15 | 27 | 2.5u | 152.0u | Yes |
| 16 | 23 | 4.5u | 226.0u | Yes |
| 17 | 29 | 3.1u | 211.0u | Yes |
| 18 | 25 | 4.7u | 153.0u | Yes |
| 19 | 24 | 4.9u | 183.0u | Yes |
| 20 | 25 | 1.4u | 160.0u | Yes |
| 21 | 25 | 2.7u | 172.0u | Yes |
| 22 | 27 | 1.9u | 205.0u | No |
| 23 | 23 | 2.1u | 183.0u | Yes |
| 24 | 25 | 4.4u | 191.0u | Yes |
| 25 | 23 | 4.4u | 227.0u | Yes |
| 26 | 24 | 2.7u | 171.0u | Yes |
| 27 | 26 | 2.2u | 203.0u | Yes |
| 28 | 25 | 4.7u | 159.0u | Yes |
| 29 | 24 | 3.6u | 185.0u | Yes |
| 30 | 25 | 3.1u | 198.0u | Yes |
| | | | Detection Rate: 93.3 % | |

| Type 3 Radar Statistical Performances | | | | |
|---------------------------------------|------------------|-----------------|------------------------|-----------|
| Trial # | Pulses per Burst | Pulse Width (s) | PRI (s) | Detection |
| 1 | 16 | 6.2u | 412.0u | Yes |
| 2 | 17 | 7.4u | 497.0u | Yes |
| 3 | 18 | 7.2u | 401.0u | Yes |
| 4 | 16 | 9.3u | 410.0u | Yes |
| 5 | 17 | 8.3u | 376.0u | No |
| 6 | 16 | 9.5u | 207.0u | Yes |
| 7 | 17 | 7.3u | 454.0u | Yes |
| 8 | 17 | 10.0u | 468.0u | Yes |
| 9 | 18 | 7.7u | 288.0u | Yes |
| 10 | 16 | 9.4u | 263.0u | Yes |
| 11 | 17 | 8.5u | 469.0u | Yes |
| 12 | 18 | 8.1u | 401.0u | Yes |
| 13 | 18 | 9.3u | 202.0u | Yes |
| 14 | 17 | 6.3u | 206.0u | Yes |
| 15 | 16 | 8.4u | 417.0u | Yes |
| 16 | 17 | 7.5u | 453.0u | Yes |
| 17 | 17 | 8.7u | 274.0u | Yes |
| 18 | 17 | 8.9u | 268.0u | Yes |
| 19 | 17 | 6.0u | 499.0u | Yes |
| 20 | 17 | 9.9u | 253.0u | Yes |
| 21 | 16 | 8.7u | 286.0u | Yes |
| 22 | 17 | 8.7u | 327.0u | Yes |
| 23 | 16 | 7.5u | 326.0u | Yes |
| 24 | 17 | 9.7u | 493.0u | Yes |
| 25 | 17 | 6.9u | 265.0u | Yes |
| 26 | 17 | 7.7u | 427.0u | Yes |
| 27 | 18 | 6.2u | 237.0u | Yes |
| 28 | 16 | 9.9u | 478.0u | Yes |
| 29 | 17 | 7.8u | 380.0u | Yes |
| 30 | 18 | 9.2u | 474.0u | Yes |
| | | | Detection Rate: 96.7 % | |

| Type 4 Radar Statistical Performances | | | | |
|---------------------------------------|------------------|-----------------|------------------------|-----------|
| Trial # | Pulses per Burst | Pulse Width (s) | PRI (s) | Detection |
| 1 | 12 | 12.2u | 475.0u | Yes |
| 2 | 13 | 12.6u | 463.0u | Yes |
| 3 | 15 | 19.6u | 433.0u | Yes |
| 4 | 13 | 14.2u | 307.0u | Yes |
| 5 | 14 | 11.6u | 398.0u | Yes |
| 6 | 12 | 18.0u | 357.0u | No |
| 7 | 13 | 12.7u | 494.0u | Yes |
| 8 | 16 | 15.5u | 282.0u | Yes |
| 9 | 14 | 15.8u | 352.0u | Yes |
| 10 | 16 | 12.0u | 486.0u | No |
| 11 | 12 | 13.2u | 269.0u | Yes |
| 12 | 12 | 12.7u | 377.0u | Yes |
| 13 | 14 | 13.4u | 486.0u | Yes |
| 14 | 14 | 11.7u | 210.0u | Yes |
| 15 | 15 | 13.1u | 366.0u | Yes |
| 16 | 14 | 12.0u | 437.0u | Yes |
| 17 | 15 | 14.2u | 211.0u | Yes |
| 18 | 14 | 16.6u | 250.0u | Yes |
| 19 | 13 | 13.6u | 472.0u | Yes |
| 20 | 15 | 13.1u | 301.0u | Yes |
| 21 | 14 | 13.5u | 457.0u | Yes |
| 22 | 16 | 14.8u | 219.0u | Yes |
| 23 | 14 | 11.4u | 446.0u | Yes |
| 24 | 16 | 14.2u | 238.0u | Yes |
| 25 | 12 | 16.8u | 457.0u | Yes |
| 26 | 14 | 15.9u | 447.0u | Yes |
| 27 | 14 | 19.2u | 220.0u | Yes |
| 28 | 15 | 19.8u | 349.0u | Yes |
| 29 | 12 | 18.4u | 256.0u | Yes |
| 30 | 15 | 16.1u | 210.0u | No |
| | | | Detection Rate: 90.0 % | |

| Type 5 Radar Statistical Performances | | |
|---------------------------------------|------------------|------------------------|
| Trial # | Test Signal Name | Detection |
| 1 | LP_Signal_01 | Yes |
| 2 | LP_Signal_02 | Yes |
| 3 | LP_Signal_03 | Yes |
| 4 | LP_Signal_04 | Yes |
| 5 | LP_Signal_05 | No |
| 6 | LP_Signal_06 | Yes |
| 7 | LP_Signal_07 | Yes |
| 8 | LP_Signal_08 | No |
| 9 | LP_Signal_09 | Yes |
| 10 | LP_Signal_10 | Yes |
| 11 | LP_Signal_11 | Yes |
| 12 | LP_Signal_12 | Yes |
| 13 | LP_Signal_13 | No |
| 14 | LP_Signal_14 | Yes |
| 15 | LP_Signal_15 | Yes |
| 16 | LP_Signal_16 | Yes |
| 17 | LP_Signal_17 | No |
| 18 | LP_Signal_18 | Yes |
| 19 | LP_Signal_19 | Yes |
| 20 | LP_Signal_20 | Yes |
| 21 | LP_Signal_21 | Yes |
| 22 | LP_Signal_22 | Yes |
| 23 | LP_Signal_23 | Yes |
| 24 | LP_Signal_24 | Yes |
| 25 | LP_Signal_25 | Yes |
| 26 | LP_Signal_26 | Yes |
| 27 | LP_Signal_27 | Yes |
| 28 | LP_Signal_28 | No |
| 29 | LP_Signal_29 | Yes |
| 30 | LP_Signal_30 | Yes |
| | | Detection Rate: 83.3 % |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_01 | | | | | | |
| Number of Bursts in Trial: 18 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 1 | 9M | 99.2u | - | - | 376.8m |
| 2 | 1 | 9M | 90.3u | - | - | 331.9m |
| 3 | 2 | 15M | 92.7u | 1.545m | - | 41.25m |
| 4 | 2 | 12M | 64.5u | 1.692m | - | 522.8m |
| 5 | 2 | 16M | 67.8u | 1.412m | - | 542.9m |
| 6 | 3 | 14M | 99.0u | 933.0u | 1.422m | 295.8m |
| 7 | 2 | 9M | 98.2u | 1.525m | - | 167.7m |
| 8 | 1 | 17M | 58.8u | - | - | 492.5m |
| 9 | 3 | 18M | 50.5u | 1.899m | 1.199m | 480.6m |
| 10 | 2 | 7M | 96.3u | 1.517m | - | 413.0m |
| 11 | 2 | 19M | 85.3u | 1.436m | - | 557.0m |
| 12 | 2 | 19M | 87.7u | 934.3u | - | 245.3m |
| 13 | 1 | 7M | 50.1u | - | - | 470.7m |
| 14 | 3 | 6M | 97.6u | 1.179m | 1.685m | 103.4m |
| 15 | 2 | 8M | 63.5u | 1.811m | - | 280.6m |
| 16 | 3 | 13M | 79.2u | 1.408m | 1.204m | 612.7m |
| 17 | 3 | 8M | 52.4u | 1.235m | 1.047m | 371.9m |
| 18 | 1 | 17M | 82.2u | - | - | 389.1m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_02 | | | | | | |
| Number of Bursts in Trial: 18 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 10M | 55.6u | 1.478m | - | 198.0m |
| 2 | 3 | 19M | 66.8u | 1.439m | 1.825m | 132.2m |
| 3 | 2 | 15M | 99.6u | 1.031m | - | 327.6m |
| 4 | 2 | 11M | 92.1u | 1.054m | - | 146.4m |
| 5 | 3 | 5M | 63.2u | 1.889m | 1.824m | 68.26m |
| 6 | 2 | 5M | 77.7u | 1.457m | - | 599.3m |
| 7 | 2 | 8M | 82.5u | 980.5u | - | 31.11m |
| 8 | 3 | 10M | 65.2u | 1.270m | 1.648m | 134.8m |
| 9 | 2 | 16M | 59.4u | 1.322m | - | 328.0m |
| 10 | 1 | 17M | 73.3u | - | - | 491.0m |
| 11 | 3 | 11M | 93.1u | 1.690m | 958.9u | 39.46m |
| 12 | 2 | 5M | 72.5u | 1.303m | - | 609.1m |
| 13 | 2 | 17M | 74.9u | 1.523m | - | 283.6m |
| 14 | 1 | 6M | 88.8u | - | - | 50.59m |
| 15 | 1 | 6M | 85.5u | - | - | 275.8m |
| 16 | 2 | 20M | 77.2u | 1.282m | - | 270.2m |
| 17 | 3 | 20M | 77.7u | 1.597m | 1.057m | 555.5m |
| 18 | 2 | 8M | 74.3u | 1.775m | - | 247.5m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_03 | | | | | | |
| Number of Bursts in Trial: 13 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 3 | 7M | 66.5u | 1.693m | 1.029m | 649.0m |
| 2 | 2 | 20M | 63.7u | 993.3u | - | 690.9m |
| 3 | 3 | 17M | 70.4u | 1.670m | 955.6u | 114.0m |
| 4 | 2 | 10M | 57.6u | 1.006m | - | 103.8m |
| 5 | 3 | 10M | 51.3u | 1.543m | 1.386m | 720.6m |
| 6 | 2 | 8M | 66.4u | 1.493m | - | 883.5m |
| 7 | 2 | 13M | 91.7u | 1.229m | - | 218.2m |
| 8 | 2 | 20M | 70.3u | 1.641m | - | 782.1m |
| 9 | 2 | 18M | 94.2u | 1.792m | - | 218.0m |
| 10 | 2 | 15M | 52.7u | 1.791m | - | 511.7m |
| 11 | 2 | 20M | 56.4u | 1.250m | - | 873.9m |
| 12 | 3 | 18M | 57.4u | 1.641m | 1.184m | 846.3m |
| 13 | 2 | 15M | 61.6u | 1.392m | - | 527.6m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_04 | | | | | | |
| Number of Bursts in Trial: 9 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 3 | 10M | 99.5u | 1.751m | 936.5u | 1.137 |
| 2 | 3 | 18M | 66.0u | 1.155m | 1.650m | 562.6m |
| 3 | 1 | 10M | 96.2u | - | - | 452.3m |
| 4 | 3 | 12M | 63.7u | 969.3u | 1.381m | 431.9m |
| 5 | 2 | 11M | 55.5u | 1.169m | - | 896.3m |
| 6 | 2 | 5M | 73.3u | 997.7u | - | 610.8m |
| 7 | 1 | 16M | 93.6u | - | - | 230.6m |
| 8 | 2 | 8M | 64.3u | 1.108m | - | 278.6m |
| 9 | 2 | 6M | 61.1u | 1.368m | - | 204.4m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_05 | | | | | | |
| Number of Bursts in Trial: 10 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 12M | 66.1u | 1.375m | - | 388.8m |
| 2 | 2 | 17M | 66.9u | 1.170m | - | 201.8m |
| 3 | 1 | 19M | 79.0u | - | - | 251.3m |
| 4 | 2 | 9M | 94.7u | 1.685m | - | 1.076 |
| 5 | 2 | 18M | 75.6u | 1.145m | - | 435.3m |
| 6 | 1 | 11M | 80.0u | - | - | 74.40m |
| 7 | 2 | 12M | 95.3u | 1.648m | - | 1.085 |
| 8 | 2 | 12M | 51.5u | 1.505m | - | 835.9m |
| 9 | 1 | 18M | 81.0u | - | - | 1.078 |
| 10 | 3 | 18M | 97.1u | 1.737m | 1.283m | 460.1m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_06 | | | | | | |
| Number of Bursts in Trial: 11 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 16M | 74.6u | 1.072m | - | 415.7m |
| 2 | 2 | 6M | 95.7u | 1.517m | - | 619.2m |
| 3 | 3 | 16M | 70.1u | 967.9u | 1.744m | 213.0m |
| 4 | 2 | 13M | 98.4u | 1.411m | - | 1.067 |
| 5 | 3 | 16M | 91.4u | 1.032m | 1.420m | 438.7m |
| 6 | 2 | 7M | 77.9u | 1.384m | - | 199.9m |
| 7 | 1 | 13M | 58.5u | - | - | 621.1m |
| 8 | 2 | 18M | 54.7u | 1.083m | - | 920.9m |
| 9 | 3 | 13M | 62.7u | 1.702m | 1.272m | 744.5m |
| 10 | 2 | 13M | 93.1u | 1.545m | - | 160.6m |
| 11 | 2 | 8M | 85.7u | 1.501m | - | 915.7m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_07 | | | | | | |
| Number of Bursts in Trial: 10 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 10M | 74.1u | 1.360m | - | 838.6m |
| 2 | 2 | 14M | 59.4u | 1.212m | - | 37.08m |
| 3 | 1 | 19M | 94.2u | - | - | 580.1m |
| 4 | 3 | 12M | 77.6u | 1.049m | 1.272m | 313.6m |
| 5 | 2 | 11M | 78.4u | 1.754m | - | 113.5m |
| 6 | 3 | 7M | 72.2u | 1.693m | 1.802m | 1.165 |
| 7 | 3 | 19M | 96.1u | 1.181m | 1.613m | 178.6m |
| 8 | 2 | 5M | 62.0u | 1.384m | - | 960.3m |
| 9 | 3 | 7M | 75.2u | 1.705m | 1.777m | 159.3m |
| 10 | 2 | 8M | 94.7u | 954.3u | - | 313.6m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_08 | | | | | | |
| Number of Bursts in Trial: 11 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 9M | 70.2u | 932.8u | - | 299.6m |
| 2 | 2 | 19M | 56.5u | 1.014m | - | 391.3m |
| 3 | 3 | 6M | 90.6u | 1.064m | 1.106m | 50.59m |
| 4 | 2 | 7M | 90.7u | 1.219m | - | 878.9m |
| 5 | 1 | 13M | 62.4u | - | - | 159.2m |
| 6 | 3 | 10M | 61.8u | 1.284m | 1.483m | 140.5m |
| 7 | 2 | 17M | 59.6u | 1.628m | - | 421.1m |
| 8 | 3 | 13M | 96.3u | 1.873m | 1.149m | 730.3m |
| 9 | 2 | 6M | 87.4u | 1.564m | - | 433.0m |
| 10 | 2 | 10M | 64.5u | 1.015m | - | 690.0m |
| 11 | 3 | 7M | 91.8u | 1.656m | 1.355m | 440.0m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_09 | | | | | | |
| Number of Bursts in Trial: 13 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 1 | 8M | 99.5u | - | - | 663.0m |
| 2 | 3 | 9M | 97.1u | 1.714m | 1.620m | 839.3m |
| 3 | 3 | 8M | 61.0u | 1.603m | 1.279m | 906.2m |
| 4 | 1 | 15M | 64.8u | - | - | 915.1m |
| 5 | 3 | 17M | 58.3u | 1.114m | 1.205m | 343.5m |
| 6 | 2 | 11M | 59.7u | 1.572m | - | 722.8m |
| 7 | 1 | 16M | 91.7u | - | - | 79.46m |
| 8 | 2 | 19M | 62.1u | 1.334m | - | 723.6m |
| 9 | 2 | 12M | 96.9u | 919.1u | - | 95.18m |
| 10 | 2 | 7M | 91.7u | 1.840m | - | 45.31m |
| 11 | 2 | 8M | 91.0u | 1.646m | - | 649.7m |
| 12 | 2 | 16M | 50.5u | 1.780m | - | 672.8m |
| 13 | 1 | 9M | 97.6u | - | - | 762.4m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_10 | | | | | | |
| Number of Bursts in Trial: 13 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 13M | 95.2u | 1.742m | - | 486.8m |
| 2 | 1 | 12M | 94.0u | - | - | 594.9m |
| 3 | 2 | 14M | 81.8u | 932.2u | - | 236.6m |
| 4 | 3 | 12M | 81.0u | 1.748m | 1.664m | 722.9m |
| 5 | 2 | 19M | 75.0u | 1.829m | - | 285.6m |
| 6 | 2 | 17M | 75.0u | 944.0u | - | 311.9m |
| 7 | 2 | 13M | 75.2u | 1.116m | - | 299.2m |
| 8 | 3 | 9M | 89.3u | 1.610m | 927.7u | 912.1m |
| 9 | 2 | 12M | 79.8u | 1.884m | - | 538.9m |
| 10 | 3 | 9M | 86.6u | 1.033m | 919.4u | 767.7m |
| 11 | 2 | 14M | 55.1u | 1.689m | - | 39.63m |
| 12 | 2 | 9M | 76.2u | 1.622m | - | 374.3m |
| 13 | 2 | 17M | 75.9u | 949.1u | - | 495.7m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_11 | | | | | | |
| Number of Bursts in Trial: 11 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 11M | 74.5u | 1.569m | - | 210.8m |
| 2 | 3 | 20M | 68.0u | 1.085m | 1.622m | 402.4m |
| 3 | 2 | 9M | 59.6u | 1.923m | - | 507.4m |
| 4 | 2 | 16M | 59.4u | 1.796m | - | 533.6m |
| 5 | 2 | 11M | 52.8u | 1.522m | - | 276.4m |
| 6 | 1 | 8M | 66.0u | - | - | 27.16m |
| 7 | 2 | 13M | 99.9u | 1.256m | - | 4.896m |
| 8 | 1 | 5M | 61.3u | - | - | 32.14m |
| 9 | 3 | 14M | 80.4u | 1.146m | 1.537m | 391.0m |
| 10 | 2 | 7M | 74.3u | 1.234m | - | 251.4m |
| 11 | 2 | 15M | 94.3u | 1.807m | - | 524.9m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_12 | | | | | | |
| Number of Bursts in Trial: 12 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 3 | 6M | 83.7u | 1.379m | 1.841m | 322.6m |
| 2 | 1 | 15M | 91.7u | - | - | 577.9m |
| 3 | 2 | 19M | 96.3u | 1.233m | - | 968.2m |
| 4 | 1 | 17M | 72.3u | - | - | 975.5m |
| 5 | 2 | 7M | 53.8u | 1.944m | - | 209.3m |
| 6 | 2 | 18M | 60.0u | 1.895m | - | 533.7m |
| 7 | 2 | 14M | 52.1u | 1.135m | - | 412.5m |
| 8 | 2 | 17M | 79.5u | 1.826m | - | 425.0m |
| 9 | 2 | 13M | 65.1u | 948.9u | - | 661.3m |
| 10 | 3 | 17M | 92.5u | 1.609m | 1.053m | 71.49m |
| 11 | 2 | 9M | 91.0u | 1.701m | - | 553.6m |
| 12 | 2 | 17M | 80.5u | 1.905m | - | 726.5m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_13 | | | | | | |
| Number of Bursts in Trial: 8 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 3 | 7M | 69.4u | 1.623m | 1.582m | 167.5m |
| 2 | 2 | 11M | 88.5u | 1.125m | - | 925.2m |
| 3 | 2 | 12M | 52.2u | 1.638m | - | 211.6m |
| 4 | 2 | 7M | 63.9u | 1.219m | - | 673.1m |
| 5 | 2 | 8M | 63.6u | 1.651m | - | 991.7m |
| 6 | 2 | 12M | 61.3u | 1.752m | - | 181.0m |
| 7 | 1 | 5M | 61.1u | - | - | 586.4m |
| 8 | 2 | 16M | 96.5u | 1.519m | - | 1.427 |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_14 | | | | | | |
| Number of Bursts in Trial: 18 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 12M | 73.5u | 935.5u | - | 125.8m |
| 2 | 3 | 6M | 58.8u | 1.519m | 1.114m | 516.5m |
| 3 | 1 | 9M | 81.3u | - | - | 576.4m |
| 4 | 3 | 17M | 86.4u | 1.854m | 1.584m | 414.6m |
| 5 | 2 | 16M | 66.9u | 1.836m | - | 41.50m |
| 6 | 3 | 14M | 88.9u | 1.865m | 1.560m | 141.5m |
| 7 | 3 | 12M | 89.2u | 1.347m | 1.822m | 642.1m |
| 8 | 2 | 14M | 51.6u | 1.444m | - | 161.0m |
| 9 | 2 | 10M | 53.1u | 1.697m | - | 165.0m |
| 10 | 2 | 17M | 92.8u | 1.110m | - | 19.29m |
| 11 | 1 | 13M | 59.0u | - | - | 215.1m |
| 12 | 2 | 18M | 66.1u | 1.313m | - | 88.49m |
| 13 | 1 | 7M | 58.7u | - | - | 378.2m |
| 14 | 2 | 8M | 84.8u | 1.309m | - | 251.1m |
| 15 | 1 | 17M | 73.8u | - | - | 652.4m |
| 16 | 1 | 7M | 72.4u | - | - | 3.475m |
| 17 | 2 | 14M | 64.2u | 1.927m | - | 399.8m |
| 18 | 1 | 15M | 70.9u | - | - | 553.5m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_15 | | | | | | |
| Number of Bursts in Trial: 17 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 3 | 7M | 67.5u | 1.335m | 1.427m | 270.2m |
| 2 | 2 | 14M | 69.3u | 1.647m | - | 233.5m |
| 3 | 2 | 18M | 82.9u | 930.1u | - | 270.8m |
| 4 | 2 | 17M | 59.3u | 1.901m | - | 301.0m |
| 5 | 1 | 12M | 56.0u | - | - | 556.1m |
| 6 | 1 | 14M | 99.2u | - | - | 612.0m |
| 7 | 2 | 18M | 57.6u | 1.235m | - | 146.8m |
| 8 | 2 | 5M | 75.5u | 1.014m | - | 643.9m |
| 9 | 1 | 18M | 99.5u | - | - | 662.9m |
| 10 | 1 | 13M | 92.7u | - | - | 340.1m |
| 11 | 2 | 12M | 98.3u | 1.681m | - | 539.8m |
| 12 | 2 | 10M | 81.7u | 1.775m | - | 253.3m |
| 13 | 2 | 6M | 60.6u | 1.527m | - | 271.1m |
| 14 | 3 | 7M | 71.2u | 1.765m | 1.138m | 650.8m |
| 15 | 2 | 20M | 78.1u | 1.001m | - | 195.6m |
| 16 | 2 | 8M | 75.6u | 1.158m | - | 14.07m |
| 17 | 2 | 15M | 51.6u | 1.452m | - | 651.1m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_16 | | | | | | |
| Number of Bursts in Trial: 13 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 7M | 74.8u | 1.754m | - | 345.6m |
| 2 | 2 | 13M | 70.2u | 1.865m | - | 806.5m |
| 3 | 1 | 18M | 89.1u | - | - | 346.6m |
| 4 | 1 | 15M | 54.7u | - | - | 58.90m |
| 5 | 3 | 18M | 74.6u | 1.300m | 1.708m | 74.16m |
| 6 | 2 | 19M | 97.7u | 1.889m | - | 866.6m |
| 7 | 3 | 11M | 92.1u | 1.565m | 1.137m | 151.6m |
| 8 | 3 | 16M | 52.7u | 1.753m | 1.401m | 220.0m |
| 9 | 2 | 6M | 80.8u | 1.225m | - | 813.5m |
| 10 | 2 | 10M | 72.3u | 984.7u | - | 307.6m |
| 11 | 3 | 13M | 87.8u | 1.361m | 1.168m | 680.5m |
| 12 | 3 | 12M | 79.8u | 1.195m | 1.354m | 609.9m |
| 13 | 2 | 6M | 75.9u | 1.014m | - | 573.4m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_17 | | | | | | |
| Number of Bursts in Trial: 10 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 1 | 11M | 69.4u | - | - | 1.178 |
| 2 | 2 | 9M | 69.4u | 1.082m | - | 235.0m |
| 3 | 2 | 12M | 69.0u | 1.433m | - | 909.8m |
| 4 | 2 | 14M | 74.1u | 965.9u | - | 121.6m |
| 5 | 1 | 18M | 60.9u | - | - | 1.129 |
| 6 | 1 | 13M | 62.5u | - | - | 462.9m |
| 7 | 3 | 15M | 55.5u | 1.896m | 1.233m | 1.120 |
| 8 | 3 | 5M | 52.3u | 1.437m | 1.115m | 636.9m |
| 9 | 1 | 13M | 88.6u | - | - | 727.6m |
| 10 | 3 | 15M | 56.4u | 944.6u | 1.372m | 67.34m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_18 | | | | | | |
| Number of Bursts in Trial: 10 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 14M | 71.8u | 1.683m | - | 640.0m |
| 2 | 2 | 16M | 62.3u | 1.427m | - | 1.135 |
| 3 | 2 | 14M | 64.1u | 1.097m | - | 1.165 |
| 4 | 3 | 11M | 97.8u | 958.2u | 1.362m | 414.5m |
| 5 | 2 | 14M | 52.3u | 1.544m | - | 594.9m |
| 6 | 3 | 17M | 70.8u | 1.797m | 1.140m | 512.9m |
| 7 | 2 | 10M | 63.3u | 1.328m | - | 779.2m |
| 8 | 2 | 10M | 97.2u | 1.379m | - | 955.3m |
| 9 | 2 | 15M | 56.5u | 1.249m | - | 137.7m |
| 10 | 1 | 10M | 56.9u | - | - | 243.4m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_19 | | | | | | |
| Number of Bursts in Trial: 8 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 5M | 60.7u | 1.631m | - | 290.7m |
| 2 | 2 | 12M | 68.6u | 1.851m | - | 1.258 |
| 3 | 2 | 11M | 89.6u | 1.133m | - | 1.027 |
| 4 | 3 | 15M | 76.5u | 1.065m | 1.368m | 803.0m |
| 5 | 2 | 15M | 72.5u | 1.674m | - | 386.0m |
| 6 | 1 | 19M | 62.6u | - | - | 403.3m |
| 7 | 2 | 9M | 83.7u | 1.230m | - | 1.080 |
| 8 | 1 | 12M | 51.3u | - | - | 1.379 |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_20 | | | | | | |
| Number of Bursts in Trial: 18 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 3 | 18M | 89.0u | 1.059m | 1.469m | 295.6m |
| 2 | 2 | 15M | 97.1u | 1.667m | - | 538.4m |
| 3 | 1 | 13M | 52.4u | - | - | 392.6m |
| 4 | 2 | 13M | 52.8u | 1.904m | - | 496.3m |
| 5 | 2 | 12M | 75.6u | 1.104m | - | 315.9m |
| 6 | 2 | 11M | 89.1u | 1.070m | - | 235.0m |
| 7 | 1 | 12M | 74.8u | - | - | 60.61m |
| 8 | 2 | 8M | 94.3u | 917.7u | - | 581.3m |
| 9 | 2 | 15M | 60.3u | 958.7u | - | 33.73m |
| 10 | 1 | 18M | 92.1u | - | - | 547.5m |
| 11 | 3 | 7M | 91.5u | 1.799m | 1.373m | 214.6m |
| 12 | 3 | 14M | 90.7u | 1.850m | 1.107m | 290.8m |
| 13 | 3 | 6M | 80.6u | 1.193m | 1.313m | 505.7m |
| 14 | 2 | 9M | 64.9u | 1.430m | - | 202.4m |
| 15 | 2 | 12M | 55.8u | 1.735m | - | 301.0m |
| 16 | 2 | 12M | 99.4u | 905.6u | - | 242.3m |
| 17 | 3 | 12M | 58.4u | 1.658m | 1.653m | 137.1m |
| 18 | 1 | 13M | 81.8u | - | - | 373.5m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_21 | | | | | | |
| Number of Bursts in Trial: 18 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 18M | 86.4u | 1.116m | - | 382.2m |
| 2 | 3 | 19M | 59.2u | 1.703m | 1.514m | 419.8m |
| 3 | 3 | 15M | 59.5u | 958.5u | 1.749m | 460.8m |
| 4 | 3 | 5M | 65.9u | 1.737m | 969.1u | 573.9m |
| 5 | 2 | 12M | 67.4u | 1.220m | - | 290.7m |
| 6 | 2 | 10M | 91.8u | 1.435m | - | 516.9m |
| 7 | 2 | 18M | 60.8u | 1.429m | - | 70.04m |
| 8 | 2 | 18M | 66.2u | 1.076m | - | 90.32m |
| 9 | 2 | 10M | 73.8u | 1.294m | - | 445.1m |
| 10 | 1 | 19M | 90.3u | - | - | 601.7m |
| 11 | 3 | 10M | 68.3u | 1.133m | 1.515m | 363.6m |
| 12 | 2 | 14M | 73.5u | 1.009m | - | 493.2m |
| 13 | 2 | 12M | 51.4u | 1.185m | - | 103.7m |
| 14 | 3 | 9M | 60.3u | 1.627m | 1.682m | 73.50m |
| 15 | 2 | 18M | 57.0u | 1.683m | - | 519.0m |
| 16 | 3 | 8M | 60.1u | 1.115m | 1.570m | 326.3m |
| 17 | 3 | 9M | 95.9u | 1.174m | 1.839m | 448.7m |
| 18 | 2 | 16M | 55.3u | 944.7u | - | 68.31m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_22 | | | | | | |
| Number of Bursts in Trial: 14 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 1 | 19M | 99.0u | - | - | 394.2m |
| 2 | 3 | 8M | 74.1u | 1.439m | 949.9u | 64.13m |
| 3 | 2 | 11M | 73.1u | 1.160m | - | 609.5m |
| 4 | 2 | 16M | 73.6u | 1.226m | - | 459.0m |
| 5 | 2 | 17M | 65.8u | 1.294m | - | 694.7m |
| 6 | 2 | 7M | 95.0u | 1.189m | - | 176.3m |
| 7 | 2 | 20M | 93.5u | 1.768m | - | 540.4m |
| 8 | 1 | 14M | 54.4u | - | - | 180.0m |
| 9 | 2 | 16M | 60.9u | 1.654m | - | 647.7m |
| 10 | 3 | 14M | 51.5u | 1.779m | 1.711m | 320.9m |
| 11 | 2 | 17M | 89.0u | 1.618m | - | 505.1m |
| 12 | 2 | 11M | 80.8u | 1.248m | - | 701.1m |
| 13 | 3 | 12M | 95.6u | 1.675m | 1.515m | 333.0m |
| 14 | 2 | 10M | 99.2u | 1.575m | - | 294.6m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_23 | | | | | | |
| Number of Bursts in Trial: 20 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 1 | 9M | 64.4u | - | - | 251.8m |
| 2 | 1 | 14M | 95.4u | - | - | 91.66m |
| 3 | 1 | 11M | 65.0u | - | - | 423.0m |
| 4 | 3 | 18M | 75.9u | 1.237m | 1.397m | 310.7m |
| 5 | 2 | 15M | 74.5u | 1.557m | - | 40.58m |
| 6 | 3 | 12M | 58.0u | 1.692m | 1.766m | 561.4m |
| 7 | 1 | 6M | 52.0u | - | - | 89.50m |
| 8 | 2 | 10M | 87.2u | 1.522m | - | 267.0m |
| 9 | 2 | 9M | 91.0u | 1.541m | - | 436.7m |
| 10 | 3 | 12M | 73.5u | 1.801m | 1.712m | 467.1m |
| 11 | 2 | 7M | 88.1u | 1.872m | - | 573.5m |
| 12 | 3 | 16M | 80.6u | 1.135m | 1.640m | 363.1m |
| 13 | 2 | 7M | 57.4u | 1.065m | - | 64.88m |
| 14 | 2 | 12M | 60.0u | 1.911m | - | 554.4m |
| 15 | 3 | 13M | 78.8u | 1.534m | 1.764m | 296.3m |
| 16 | 3 | 17M | 71.4u | 1.055m | 1.256m | 231.6m |
| 17 | 2 | 8M | 55.1u | 1.014m | - | 384.9m |
| 18 | 3 | 8M | 93.0u | 1.357m | 1.895m | 117.9m |
| 19 | 2 | 10M | 65.7u | 1.896m | - | 90.81m |
| 20 | 1 | 14M | 56.8u | - | - | 221.7m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_24 | | | | | | |
| Number of Bursts in Trial: 20 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 1 | 6M | 87.6u | - | - | 163.7m |
| 2 | 1 | 8M | 75.4u | - | - | 289.3m |
| 3 | 2 | 6M | 89.1u | 1.626m | - | 363.4m |
| 4 | 2 | 6M | 67.8u | 984.2u | - | 208.0m |
| 5 | 1 | 5M | 95.8u | - | - | 490.5m |
| 6 | 3 | 17M | 74.0u | 1.147m | 1.843m | 414.0m |
| 7 | 1 | 6M | 71.1u | - | - | 100.4m |
| 8 | 3 | 8M | 51.8u | 1.891m | 1.801m | 259.1m |
| 9 | 2 | 9M | 91.0u | 960.0u | - | 328.1m |
| 10 | 2 | 6M | 51.9u | 1.780m | - | 334.3m |
| 11 | 2 | 14M | 51.6u | 1.591m | - | 403.7m |
| 12 | 2 | 13M | 98.5u | 1.469m | - | 183.0m |
| 13 | 2 | 7M | 73.4u | 1.274m | - | 458.4m |
| 14 | 2 | 17M | 69.1u | 1.877m | - | 564.8m |
| 15 | 3 | 11M | 99.5u | 1.275m | 1.895m | 467.9m |
| 16 | 1 | 17M | 86.2u | - | - | 378.1m |
| 17 | 1 | 8M | 91.9u | - | - | 5.005m |
| 18 | 2 | 13M | 62.5u | 1.772m | - | 48.26m |
| 19 | 2 | 11M | 95.9u | 1.621m | - | 413.5m |
| 20 | 2 | 19M | 99.4u | 977.6u | - | 297.2m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_25 | | | | | | |
| Number of Bursts in Trial: 19 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 11M | 97.5u | 1.236m | - | 574.2m |
| 2 | 2 | 15M | 85.0u | 1.073m | - | 551.4m |
| 3 | 1 | 8M | 87.2u | - | - | 217.5m |
| 4 | 2 | 9M | 94.5u | 1.228m | - | 284.5m |
| 5 | 2 | 6M | 86.1u | 1.873m | - | 307.3m |
| 6 | 2 | 11M | 56.7u | 1.112m | - | 11.16m |
| 7 | 3 | 16M | 88.9u | 1.330m | 1.878m | 583.7m |
| 8 | 2 | 20M | 62.2u | 1.375m | - | 570.8m |
| 9 | 3 | 16M | 92.1u | 1.845m | 1.361m | 388.4m |
| 10 | 2 | 9M | 86.1u | 933.9u | - | 160.7m |
| 11 | 2 | 14M | 98.7u | 1.080m | - | 507.4m |
| 12 | 3 | 20M | 51.9u | 1.171m | 1.836m | 665.0u |
| 13 | 2 | 12M | 87.3u | 1.506m | - | 145.7m |
| 14 | 3 | 18M | 83.6u | 1.218m | 1.183m | 562.8m |
| 15 | 2 | 11M | 96.2u | 1.420m | - | 52.67m |
| 16 | 3 | 11M | 72.7u | 1.463m | 1.271m | 484.9m |
| 17 | 3 | 17M | 66.0u | 1.346m | 1.465m | 364.3m |
| 18 | 2 | 10M | 66.6u | 1.555m | - | 522.6m |
| 19 | 2 | 17M | 60.6u | 1.507m | - | 99.76m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_26 | | | | | | |
| Number of Bursts in Trial: 16 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 3 | 5M | 76.3u | 1.619m | 1.781m | 159.9m |
| 2 | 2 | 11M | 84.7u | 1.297m | - | 692.0m |
| 3 | 2 | 11M | 59.3u | 1.626m | - | 302.1m |
| 4 | 2 | 17M | 69.1u | 980.9u | - | 559.7m |
| 5 | 1 | 16M | 63.8u | - | - | 343.4m |
| 6 | 3 | 20M | 64.6u | 1.847m | 1.366m | 640.9m |
| 7 | 2 | 14M | 82.4u | 1.455m | - | 301.8m |
| 8 | 3 | 9M | 82.6u | 1.007m | 956.4u | 523.1m |
| 9 | 3 | 10M | 74.5u | 1.241m | 1.081m | 415.3m |
| 10 | 2 | 14M | 67.8u | 969.2u | - | 630.4m |
| 11 | 2 | 13M | 52.6u | 1.244m | - | 57.68m |
| 12 | 2 | 11M | 72.5u | 1.302m | - | 506.4m |
| 13 | 1 | 19M | 97.4u | - | - | 510.2m |
| 14 | 1 | 8M | 93.5u | - | - | 457.1m |
| 15 | 3 | 11M | 91.0u | 1.582m | 1.149m | 273.1m |
| 16 | 2 | 10M | 57.6u | 1.454m | - | 437.4m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_27 | | | | | | |
| Number of Bursts in Trial: 10 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 12M | 52.9u | 1.916m | - | 472.4m |
| 2 | 2 | 7M | 79.3u | 1.153m | - | 796.4m |
| 3 | 3 | 14M | 53.5u | 1.342m | 1.298m | 908.2m |
| 4 | 1 | 10M | 96.3u | - | - | 533.5m |
| 5 | 1 | 7M | 61.5u | - | - | 401.3m |
| 6 | 2 | 7M | 80.5u | 1.608m | - | 165.2m |
| 7 | 1 | 13M | 87.4u | - | - | 81.57m |
| 8 | 3 | 15M | 62.6u | 1.575m | 967.4u | 255.8m |
| 9 | 3 | 19M | 89.7u | 982.3u | 1.625m | 716.0m |
| 10 | 3 | 11M | 64.8u | 1.338m | 1.012m | 75.45m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_28 | | | | | | |
| Number of Bursts in Trial: 14 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 3 | 6M | 66.0u | 1.497m | 1.010m | 447.9m |
| 2 | 2 | 7M | 91.1u | 1.407m | - | 505.6m |
| 3 | 2 | 8M | 92.3u | 1.117m | - | 807.7m |
| 4 | 3 | 8M | 89.1u | 1.140m | 1.340m | 819.9m |
| 5 | 2 | 7M | 52.7u | 1.043m | - | 594.8m |
| 6 | 1 | 19M | 51.0u | - | - | 221.5m |
| 7 | 3 | 18M | 69.4u | 1.590m | 1.103m | 170.5m |
| 8 | 2 | 18M | 82.8u | 1.593m | - | 39.11m |
| 9 | 1 | 12M | 56.6u | - | - | 118.4m |
| 10 | 2 | 19M | 87.2u | 1.650m | - | 89.56m |
| 11 | 3 | 6M | 89.1u | 1.444m | 1.231m | 102.1m |
| 12 | 1 | 15M | 97.2u | - | - | 153.5m |
| 13 | 1 | 19M | 69.6u | - | - | 842.7m |
| 14 | 2 | 15M | 71.3u | 1.913m | - | 321.5m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_29 | | | | | | |
| Number of Bursts in Trial: 17 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 3 | 13M | 95.8u | 922.2u | 1.177m | 337.7m |
| 2 | 2 | 7M | 67.4u | 1.177m | - | 94.46m |
| 3 | 2 | 6M | 75.0u | 1.746m | - | 567.2m |
| 4 | 2 | 9M | 94.6u | 1.041m | - | 128.6m |
| 5 | 2 | 19M | 72.9u | 1.842m | - | 672.0m |
| 6 | 2 | 7M | 61.9u | 1.796m | - | 505.6m |
| 7 | 2 | 19M | 70.0u | 1.210m | - | 124.4m |
| 8 | 2 | 10M | 84.7u | 1.118m | - | 324.3m |
| 9 | 1 | 18M | 99.5u | - | - | 261.6m |
| 10 | 2 | 11M | 64.6u | 1.007m | - | 522.7m |
| 11 | 2 | 17M | 53.5u | 1.391m | - | 496.2m |
| 12 | 2 | 20M | 63.8u | 1.812m | - | 63.62m |
| 13 | 3 | 17M | 63.7u | 1.867m | 1.437m | 682.9m |
| 14 | 1 | 16M | 79.9u | - | - | 241.5m |
| 15 | 2 | 10M | 53.3u | 1.896m | - | 488.7m |
| 16 | 1 | 9M | 53.9u | - | - | 96.48m |
| 17 | 2 | 16M | 67.6u | 1.292m | - | 200.4m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_30 | | | | | | |
| Number of Bursts in Trial: 12 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 14M | 61.1u | 1.505m | - | 148.9m |
| 2 | 2 | 5M | 76.5u | 981.5u | - | 386.1m |
| 3 | 2 | 10M | 54.6u | 1.497m | - | 683.8m |
| 4 | 1 | 16M | 98.6u | - | - | 532.9m |
| 5 | 3 | 7M | 78.2u | 1.768m | 1.664m | 437.1m |
| 6 | 1 | 14M | 61.2u | - | - | 571.9m |
| 7 | 3 | 12M | 88.7u | 1.100m | 1.206m | 486.9m |
| 8 | 2 | 7M | 55.6u | 1.664m | - | 18.88m |
| 9 | 1 | 10M | 69.7u | - | - | 564.4m |
| 10 | 3 | 11M | 55.1u | 1.117m | 1.330m | 340.6m |
| 11 | 2 | 16M | 89.3u | 1.475m | - | 395.0m |
| 12 | 3 | 8M | 70.9u | 1.249m | 993.1u | 502.9m |

| Type 6 Radar Statistical Performances | | | | |
|---------------------------------------|------------------|-----------------|-------------------------|-----------|
| Trial # | Pulses per Burst | Pulse Width (s) | PRI (s) | Detection |
| 1 | 9 | 1.0u | 333.0u | Yes |
| 2 | 9 | 1.0u | 333.0u | Yes |
| 3 | 9 | 1.0u | 333.0u | Yes |
| 4 | 9 | 1.0u | 333.0u | Yes |
| 5 | 9 | 1.0u | 333.0u | Yes |
| 6 | 9 | 1.0u | 333.0u | Yes |
| 7 | 9 | 1.0u | 333.0u | Yes |
| 8 | 9 | 1.0u | 333.0u | Yes |
| 9 | 9 | 1.0u | 333.0u | Yes |
| 10 | 9 | 1.0u | 333.0u | Yes |
| 11 | 9 | 1.0u | 333.0u | Yes |
| 12 | 9 | 1.0u | 333.0u | Yes |
| 13 | 9 | 1.0u | 333.0u | Yes |
| 14 | 9 | 1.0u | 333.0u | Yes |
| 15 | 9 | 1.0u | 333.0u | Yes |
| 16 | 9 | 1.0u | 333.0u | Yes |
| 17 | 9 | 1.0u | 333.0u | Yes |
| 18 | 9 | 1.0u | 333.0u | Yes |
| 19 | 9 | 1.0u | 333.0u | Yes |
| 20 | 9 | 1.0u | 333.0u | Yes |
| 21 | 9 | 1.0u | 333.0u | Yes |
| 22 | 9 | 1.0u | 333.0u | Yes |
| 23 | 9 | 1.0u | 333.0u | Yes |
| 24 | 9 | 1.0u | 333.0u | Yes |
| 25 | 9 | 1.0u | 333.0u | Yes |
| 26 | 9 | 1.0u | 333.0u | Yes |
| 27 | 9 | 1.0u | 333.0u | Yes |
| 28 | 9 | 1.0u | 333.0u | Yes |
| 29 | 9 | 1.0u | 333.0u | Yes |
| 30 | 9 | 1.0u | 333.0u | Yes |
| | | | Detection Rate: 100.0 % | |

| Type 6 Radar Statistical Performances | | |
|---------------------------------------|---------------------------------|-----------|
| Trial # | Hopping Frequency Sequence Name | Detection |
| 1 | HOP_FREQ_SEQ_01 | Yes |
| 2 | HOP_FREQ_SEQ_02 | Yes |
| 3 | HOP_FREQ_SEQ_03 | Yes |
| 4 | HOP_FREQ_SEQ_04 | Yes |
| 5 | HOP_FREQ_SEQ_05 | Yes |
| 6 | HOP_FREQ_SEQ_06 | Yes |
| 7 | HOP_FREQ_SEQ_07 | Yes |
| 8 | HOP_FREQ_SEQ_08 | Yes |
| 9 | HOP_FREQ_SEQ_09 | Yes |
| 10 | HOP_FREQ_SEQ_10 | Yes |
| 11 | HOP_FREQ_SEQ_11 | Yes |
| 12 | HOP_FREQ_SEQ_12 | Yes |
| 13 | HOP_FREQ_SEQ_13 | Yes |
| 14 | HOP_FREQ_SEQ_14 | Yes |
| 15 | HOP_FREQ_SEQ_15 | Yes |
| 16 | HOP_FREQ_SEQ_16 | Yes |
| 17 | HOP_FREQ_SEQ_17 | Yes |
| 18 | HOP_FREQ_SEQ_18 | Yes |
| 19 | HOP_FREQ_SEQ_19 | Yes |
| 20 | HOP_FREQ_SEQ_20 | Yes |
| 21 | HOP_FREQ_SEQ_21 | Yes |
| 22 | HOP_FREQ_SEQ_22 | Yes |
| 23 | HOP_FREQ_SEQ_23 | Yes |
| 24 | HOP_FREQ_SEQ_24 | Yes |
| 25 | HOP_FREQ_SEQ_25 | Yes |
| 26 | HOP_FREQ_SEQ_26 | Yes |
| 27 | HOP_FREQ_SEQ_27 | Yes |
| 28 | HOP_FREQ_SEQ_28 | Yes |
| 29 | HOP_FREQ_SEQ_29 | Yes |
| 30 | HOP_FREQ_SEQ_30 | Yes |
| Detection Rate: 100.0 % | | |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.634G | 2 | 5.365G | 3 | 5.389G | 4 | 5.522G |
| 5 | 5.360G | 6 | 5.510G | 7 | 5.429G | 8 | 5.440G |
| 9 | 5.658G | 10 | 5.333G | 11 | 5.654G | 12 | 5.268G |
| 13 | 5.531G | 14 | 5.357G | 15 | 5.653G | 16 | 5.622G |
| 17 | 5.382G | 18 | 5.314G | 19 | 5.619G | 20 | 5.513G |
| 21 | 5.293G | 22 | 5.552G | 23 | 5.559G | 24 | 5.257G |
| 25 | 5.266G | 26 | 5.610G | 27 | 5.410G | 28 | 5.286G |
| 29 | 5.347G | 30 | 5.547G | 31 | 5.615G | 32 | 5.684G |
| 33 | 5.717G | 34 | 5.487G | 35 | 5.506G | 36 | 5.675G |
| 37 | 5.364G | 38 | 5.705G | 39 | 5.363G | 40 | 5.716G |
| 41 | 5.554G | 42 | 5.587G | 43 | 5.376G | 44 | 5.691G |
| 45 | 5.377G | 46 | 5.315G | 47 | 5.313G | 48 | 5.577G |
| 49 | 5.395G | 50 | 5.307G | 51 | 5.575G | 52 | 5.548G |
| 53 | 5.599G | 54 | 5.355G | 55 | 5.451G | 56 | 5.453G |
| 57 | 5.534G | 58 | 5.644G | 59 | 5.631G | 60 | 5.449G |
| 61 | 5.350G | 62 | 5.524G | 63 | 5.643G | 64 | 5.478G |
| 65 | 5.572G | 66 | 5.497G | 67 | 5.299G | 68 | 5.526G |
| 69 | 5.635G | 70 | 5.715G | 71 | 5.678G | 72 | 5.614G |
| 73 | 5.486G | 74 | 5.448G | 75 | 5.456G | 76 | 5.284G |
| 77 | 5.704G | 78 | 5.496G | 79 | 5.261G | 80 | 5.262G |
| 81 | 5.419G | 82 | 5.482G | 83 | 5.361G | 84 | 5.270G |
| 85 | 5.483G | 86 | 5.259G | 87 | 5.700G | 88 | 5.373G |
| 89 | 5.379G | 90 | 5.650G | 91 | 5.681G | 92 | 5.493G |
| 93 | 5.277G | 94 | 5.320G | 95 | 5.289G | 96 | 5.378G |
| 97 | 5.300G | 98 | 5.278G | 99 | 5.316G | 100 | 5.327G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.376G | 2 | 5.639G | 3 | 5.477G | 4 | 5.464G |
| 5 | 5.645G | 6 | 5.517G | 7 | 5.390G | 8 | 5.422G |
| 9 | 5.374G | 10 | 5.330G | 11 | 5.379G | 12 | 5.612G |
| 13 | 5.555G | 14 | 5.269G | 15 | 5.281G | 16 | 5.346G |
| 17 | 5.671G | 18 | 5.566G | 19 | 5.301G | 20 | 5.603G |
| 21 | 5.508G | 22 | 5.699G | 23 | 5.433G | 24 | 5.561G |
| 25 | 5.451G | 26 | 5.660G | 27 | 5.421G | 28 | 5.392G |
| 29 | 5.522G | 30 | 5.519G | 31 | 5.348G | 32 | 5.606G |
| 33 | 5.513G | 34 | 5.715G | 35 | 5.611G | 36 | 5.408G |
| 37 | 5.583G | 38 | 5.579G | 39 | 5.528G | 40 | 5.600G |
| 41 | 5.717G | 42 | 5.664G | 43 | 5.691G | 44 | 5.334G |
| 45 | 5.613G | 46 | 5.255G | 47 | 5.369G | 48 | 5.453G |
| 49 | 5.647G | 50 | 5.441G | 51 | 5.293G | 52 | 5.584G |
| 53 | 5.524G | 54 | 5.643G | 55 | 5.575G | 56 | 5.311G |
| 57 | 5.495G | 58 | 5.468G | 59 | 5.627G | 60 | 5.290G |
| 61 | 5.484G | 62 | 5.705G | 63 | 5.312G | 64 | 5.551G |
| 65 | 5.309G | 66 | 5.598G | 67 | 5.305G | 68 | 5.563G |
| 69 | 5.486G | 70 | 5.264G | 71 | 5.395G | 72 | 5.685G |
| 73 | 5.676G | 74 | 5.597G | 75 | 5.344G | 76 | 5.670G |
| 77 | 5.570G | 78 | 5.623G | 79 | 5.438G | 80 | 5.370G |
| 81 | 5.702G | 82 | 5.476G | 83 | 5.601G | 84 | 5.644G |
| 85 | 5.266G | 86 | 5.509G | 87 | 5.398G | 88 | 5.512G |
| 89 | 5.291G | 90 | 5.525G | 91 | 5.361G | 92 | 5.641G |
| 93 | 5.719G | 94 | 5.595G | 95 | 5.708G | 96 | 5.674G |
| 97 | 5.630G | 98 | 5.573G | 99 | 5.633G | 100 | 5.436G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.261G | 2 | 5.601G | 3 | 5.633G | 4 | 5.455G |
| 5 | 5.625G | 6 | 5.498G | 7 | 5.283G | 8 | 5.553G |
| 9 | 5.263G | 10 | 5.637G | 11 | 5.607G | 12 | 5.708G |
| 13 | 5.556G | 14 | 5.367G | 15 | 5.282G | 16 | 5.406G |
| 17 | 5.679G | 18 | 5.253G | 19 | 5.670G | 20 | 5.342G |
| 21 | 5.538G | 22 | 5.700G | 23 | 5.690G | 24 | 5.265G |
| 25 | 5.339G | 26 | 5.598G | 27 | 5.572G | 28 | 5.666G |
| 29 | 5.676G | 30 | 5.371G | 31 | 5.338G | 32 | 5.298G |
| 33 | 5.487G | 34 | 5.272G | 35 | 5.522G | 36 | 5.488G |
| 37 | 5.316G | 38 | 5.654G | 39 | 5.584G | 40 | 5.499G |
| 41 | 5.453G | 42 | 5.322G | 43 | 5.562G | 44 | 5.280G |
| 45 | 5.264G | 46 | 5.329G | 47 | 5.698G | 48 | 5.340G |
| 49 | 5.705G | 50 | 5.427G | 51 | 5.434G | 52 | 5.285G |
| 53 | 5.404G | 54 | 5.505G | 55 | 5.490G | 56 | 5.314G |
| 57 | 5.689G | 58 | 5.286G | 59 | 5.642G | 60 | 5.697G |
| 61 | 5.439G | 62 | 5.274G | 63 | 5.720G | 64 | 5.416G |
| 65 | 5.326G | 66 | 5.392G | 67 | 5.677G | 68 | 5.587G |
| 69 | 5.271G | 70 | 5.534G | 71 | 5.325G | 72 | 5.331G |
| 73 | 5.695G | 74 | 5.570G | 75 | 5.540G | 76 | 5.641G |
| 77 | 5.319G | 78 | 5.477G | 79 | 5.469G | 80 | 5.335G |
| 81 | 5.721G | 82 | 5.618G | 83 | 5.701G | 84 | 5.668G |
| 85 | 5.491G | 86 | 5.648G | 87 | 5.466G | 88 | 5.724G |
| 89 | 5.450G | 90 | 5.454G | 91 | 5.463G | 92 | 5.421G |
| 93 | 5.442G | 94 | 5.323G | 95 | 5.678G | 96 | 5.363G |
| 97 | 5.281G | 98 | 5.369G | 99 | 5.717G | 100 | 5.393G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.609G | 2 | 5.491G | 3 | 5.554G | 4 | 5.654G |
| 5 | 5.699G | 6 | 5.721G | 7 | 5.274G | 8 | 5.418G |
| 9 | 5.528G | 10 | 5.398G | 11 | 5.531G | 12 | 5.517G |
| 13 | 5.460G | 14 | 5.562G | 15 | 5.638G | 16 | 5.610G |
| 17 | 5.630G | 18 | 5.251G | 19 | 5.348G | 20 | 5.351G |
| 21 | 5.371G | 22 | 5.653G | 23 | 5.327G | 24 | 5.634G |
| 25 | 5.672G | 26 | 5.369G | 27 | 5.417G | 28 | 5.346G |
| 29 | 5.416G | 30 | 5.485G | 31 | 5.297G | 32 | 5.315G |
| 33 | 5.623G | 34 | 5.436G | 35 | 5.255G | 36 | 5.453G |
| 37 | 5.421G | 38 | 5.380G | 39 | 5.409G | 40 | 5.385G |
| 41 | 5.553G | 42 | 5.690G | 43 | 5.440G | 44 | 5.377G |
| 45 | 5.599G | 46 | 5.587G | 47 | 5.526G | 48 | 5.257G |
| 49 | 5.307G | 50 | 5.372G | 51 | 5.328G | 52 | 5.705G |
| 53 | 5.469G | 54 | 5.408G | 55 | 5.512G | 56 | 5.616G |
| 57 | 5.292G | 58 | 5.617G | 59 | 5.261G | 60 | 5.296G |
| 61 | 5.578G | 62 | 5.688G | 63 | 5.540G | 64 | 5.665G |
| 65 | 5.278G | 66 | 5.703G | 67 | 5.270G | 68 | 5.394G |
| 69 | 5.401G | 70 | 5.667G | 71 | 5.381G | 72 | 5.495G |
| 73 | 5.641G | 74 | 5.427G | 75 | 5.601G | 76 | 5.497G |
| 77 | 5.514G | 78 | 5.324G | 79 | 5.697G | 80 | 5.518G |
| 81 | 5.548G | 82 | 5.693G | 83 | 5.511G | 84 | 5.280G |
| 85 | 5.412G | 86 | 5.622G | 87 | 5.537G | 88 | 5.683G |
| 89 | 5.406G | 90 | 5.314G | 91 | 5.276G | 92 | 5.597G |
| 93 | 5.474G | 94 | 5.477G | 95 | 5.707G | 96 | 5.493G |
| 97 | 5.507G | 98 | 5.669G | 99 | 5.571G | 100 | 5.386G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.443G | 2 | 5.655G | 3 | 5.537G | 4 | 5.695G |
| 5 | 5.261G | 6 | 5.711G | 7 | 5.703G | 8 | 5.381G |
| 9 | 5.542G | 10 | 5.511G | 11 | 5.658G | 12 | 5.536G |
| 13 | 5.454G | 14 | 5.516G | 15 | 5.553G | 16 | 5.316G |
| 17 | 5.287G | 18 | 5.292G | 19 | 5.395G | 20 | 5.596G |
| 21 | 5.606G | 22 | 5.500G | 23 | 5.331G | 24 | 5.251G |
| 25 | 5.637G | 26 | 5.262G | 27 | 5.654G | 28 | 5.263G |
| 29 | 5.519G | 30 | 5.622G | 31 | 5.346G | 32 | 5.461G |
| 33 | 5.653G | 34 | 5.453G | 35 | 5.721G | 36 | 5.321G |
| 37 | 5.463G | 38 | 5.600G | 39 | 5.715G | 40 | 5.496G |
| 41 | 5.646G | 42 | 5.719G | 43 | 5.459G | 44 | 5.325G |
| 45 | 5.341G | 46 | 5.643G | 47 | 5.556G | 48 | 5.423G |
| 49 | 5.277G | 50 | 5.429G | 51 | 5.697G | 52 | 5.673G |
| 53 | 5.275G | 54 | 5.430G | 55 | 5.422G | 56 | 5.467G |
| 57 | 5.674G | 58 | 5.382G | 59 | 5.372G | 60 | 5.334G |
| 61 | 5.513G | 62 | 5.414G | 63 | 5.688G | 64 | 5.345G |
| 65 | 5.403G | 66 | 5.686G | 67 | 5.528G | 68 | 5.589G |
| 69 | 5.704G | 70 | 5.420G | 71 | 5.340G | 72 | 5.716G |
| 73 | 5.512G | 74 | 5.608G | 75 | 5.288G | 76 | 5.431G |
| 77 | 5.548G | 78 | 5.585G | 79 | 5.491G | 80 | 5.400G |
| 81 | 5.555G | 82 | 5.593G | 83 | 5.477G | 84 | 5.332G |
| 85 | 5.613G | 86 | 5.339G | 87 | 5.440G | 88 | 5.629G |
| 89 | 5.376G | 90 | 5.677G | 91 | 5.561G | 92 | 5.566G |
| 93 | 5.615G | 94 | 5.301G | 95 | 5.620G | 96 | 5.285G |
| 97 | 5.533G | 98 | 5.720G | 99 | 5.311G | 100 | 5.503G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.352G | 2 | 5.626G | 3 | 5.252G | 4 | 5.300G |
| 5 | 5.477G | 6 | 5.573G | 7 | 5.330G | 8 | 5.599G |
| 9 | 5.723G | 10 | 5.655G | 11 | 5.448G | 12 | 5.649G |
| 13 | 5.590G | 14 | 5.470G | 15 | 5.377G | 16 | 5.282G |
| 17 | 5.508G | 18 | 5.452G | 19 | 5.551G | 20 | 5.493G |
| 21 | 5.390G | 22 | 5.698G | 23 | 5.419G | 24 | 5.440G |
| 25 | 5.297G | 26 | 5.346G | 27 | 5.421G | 28 | 5.453G |
| 29 | 5.411G | 30 | 5.614G | 31 | 5.654G | 32 | 5.455G |
| 33 | 5.677G | 34 | 5.555G | 35 | 5.410G | 36 | 5.491G |
| 37 | 5.503G | 38 | 5.716G | 39 | 5.427G | 40 | 5.703G |
| 41 | 5.474G | 42 | 5.540G | 43 | 5.478G | 44 | 5.542G |
| 45 | 5.441G | 46 | 5.288G | 47 | 5.512G | 48 | 5.422G |
| 49 | 5.483G | 50 | 5.443G | 51 | 5.289G | 52 | 5.539G |
| 53 | 5.534G | 54 | 5.420G | 55 | 5.720G | 56 | 5.458G |
| 57 | 5.336G | 58 | 5.569G | 59 | 5.351G | 60 | 5.707G |
| 61 | 5.274G | 62 | 5.327G | 63 | 5.709G | 64 | 5.518G |
| 65 | 5.567G | 66 | 5.284G | 67 | 5.661G | 68 | 5.575G |
| 69 | 5.404G | 70 | 5.415G | 71 | 5.462G | 72 | 5.388G |
| 73 | 5.536G | 74 | 5.395G | 75 | 5.275G | 76 | 5.281G |
| 77 | 5.392G | 78 | 5.531G | 79 | 5.647G | 80 | 5.341G |
| 81 | 5.490G | 82 | 5.537G | 83 | 5.688G | 84 | 5.646G |
| 85 | 5.513G | 86 | 5.577G | 87 | 5.625G | 88 | 5.376G |
| 89 | 5.424G | 90 | 5.634G | 91 | 5.283G | 92 | 5.328G |
| 93 | 5.309G | 94 | 5.711G | 95 | 5.396G | 96 | 5.597G |
| 97 | 5.311G | 98 | 5.501G | 99 | 5.514G | 100 | 5.582G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.316G | 2 | 5.666G | 3 | 5.426G | 4 | 5.434G |
| 5 | 5.294G | 6 | 5.709G | 7 | 5.665G | 8 | 5.275G |
| 9 | 5.530G | 10 | 5.685G | 11 | 5.276G | 12 | 5.680G |
| 13 | 5.274G | 14 | 5.622G | 15 | 5.393G | 16 | 5.561G |
| 17 | 5.625G | 18 | 5.356G | 19 | 5.367G | 20 | 5.365G |
| 21 | 5.427G | 22 | 5.444G | 23 | 5.723G | 24 | 5.485G |
| 25 | 5.601G | 26 | 5.654G | 27 | 5.572G | 28 | 5.564G |
| 29 | 5.512G | 30 | 5.586G | 31 | 5.476G | 32 | 5.595G |
| 33 | 5.311G | 34 | 5.724G | 35 | 5.623G | 36 | 5.536G |
| 37 | 5.361G | 38 | 5.489G | 39 | 5.524G | 40 | 5.640G |
| 41 | 5.703G | 42 | 5.705G | 43 | 5.302G | 44 | 5.526G |
| 45 | 5.511G | 46 | 5.452G | 47 | 5.617G | 48 | 5.454G |
| 49 | 5.580G | 50 | 5.555G | 51 | 5.682G | 52 | 5.587G |
| 53 | 5.613G | 54 | 5.401G | 55 | 5.694G | 56 | 5.629G |
| 57 | 5.409G | 58 | 5.357G | 59 | 5.696G | 60 | 5.676G |
| 61 | 5.592G | 62 | 5.332G | 63 | 5.301G | 64 | 5.583G |
| 65 | 5.482G | 66 | 5.388G | 67 | 5.307G | 68 | 5.510G |
| 69 | 5.706G | 70 | 5.641G | 71 | 5.398G | 72 | 5.380G |
| 73 | 5.389G | 74 | 5.344G | 75 | 5.606G | 76 | 5.593G |
| 77 | 5.575G | 78 | 5.519G | 79 | 5.543G | 80 | 5.649G |
| 81 | 5.286G | 82 | 5.569G | 83 | 5.354G | 84 | 5.712G |
| 85 | 5.491G | 86 | 5.360G | 87 | 5.716G | 88 | 5.573G |
| 89 | 5.589G | 90 | 5.661G | 91 | 5.525G | 92 | 5.673G |
| 93 | 5.317G | 94 | 5.268G | 95 | 5.483G | 96 | 5.310G |
| 97 | 5.568G | 98 | 5.598G | 99 | 5.429G | 100 | 5.411G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.586G | 2 | 5.325G | 3 | 5.654G | 4 | 5.545G |
| 5 | 5.500G | 6 | 5.279G | 7 | 5.483G | 8 | 5.722G |
| 9 | 5.713G | 10 | 5.312G | 11 | 5.331G | 12 | 5.515G |
| 13 | 5.628G | 14 | 5.447G | 15 | 5.708G | 16 | 5.550G |
| 17 | 5.256G | 18 | 5.618G | 19 | 5.346G | 20 | 5.577G |
| 21 | 5.557G | 22 | 5.356G | 23 | 5.335G | 24 | 5.269G |
| 25 | 5.428G | 26 | 5.670G | 27 | 5.649G | 28 | 5.526G |
| 29 | 5.393G | 30 | 5.445G | 31 | 5.512G | 32 | 5.680G |
| 33 | 5.377G | 34 | 5.294G | 35 | 5.585G | 36 | 5.303G |
| 37 | 5.569G | 38 | 5.453G | 39 | 5.464G | 40 | 5.374G |
| 41 | 5.503G | 42 | 5.379G | 43 | 5.360G | 44 | 5.529G |
| 45 | 5.646G | 46 | 5.427G | 47 | 5.676G | 48 | 5.349G |
| 49 | 5.476G | 50 | 5.629G | 51 | 5.719G | 52 | 5.635G |
| 53 | 5.354G | 54 | 5.606G | 55 | 5.687G | 56 | 5.710G |
| 57 | 5.439G | 58 | 5.655G | 59 | 5.641G | 60 | 5.422G |
| 61 | 5.625G | 62 | 5.355G | 63 | 5.357G | 64 | 5.617G |
| 65 | 5.530G | 66 | 5.461G | 67 | 5.535G | 68 | 5.657G |
| 69 | 5.429G | 70 | 5.524G | 71 | 5.271G | 72 | 5.342G |
| 73 | 5.590G | 74 | 5.262G | 75 | 5.630G | 76 | 5.472G |
| 77 | 5.313G | 78 | 5.386G | 79 | 5.507G | 80 | 5.324G |
| 81 | 5.525G | 82 | 5.564G | 83 | 5.367G | 84 | 5.388G |
| 85 | 5.371G | 86 | 5.473G | 87 | 5.309G | 88 | 5.446G |
| 89 | 5.282G | 90 | 5.351G | 91 | 5.307G | 92 | 5.493G |
| 93 | 5.527G | 94 | 5.607G | 95 | 5.265G | 96 | 5.359G |
| 97 | 5.517G | 98 | 5.528G | 99 | 5.421G | 100 | 5.554G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.632G | 2 | 5.463G | 3 | 5.296G | 4 | 5.668G |
| 5 | 5.476G | 6 | 5.502G | 7 | 5.633G | 8 | 5.589G |
| 9 | 5.285G | 10 | 5.518G | 11 | 5.593G | 12 | 5.291G |
| 13 | 5.605G | 14 | 5.382G | 15 | 5.585G | 16 | 5.620G |
| 17 | 5.465G | 18 | 5.608G | 19 | 5.567G | 20 | 5.517G |
| 21 | 5.321G | 22 | 5.488G | 23 | 5.571G | 24 | 5.310G |
| 25 | 5.591G | 26 | 5.601G | 27 | 5.718G | 28 | 5.331G |
| 29 | 5.352G | 30 | 5.576G | 31 | 5.618G | 32 | 5.494G |
| 33 | 5.516G | 34 | 5.588G | 35 | 5.305G | 36 | 5.550G |
| 37 | 5.448G | 38 | 5.509G | 39 | 5.376G | 40 | 5.304G |
| 41 | 5.411G | 42 | 5.648G | 43 | 5.566G | 44 | 5.356G |
| 45 | 5.634G | 46 | 5.334G | 47 | 5.253G | 48 | 5.353G |
| 49 | 5.656G | 50 | 5.466G | 51 | 5.454G | 52 | 5.573G |
| 53 | 5.368G | 54 | 5.514G | 55 | 5.302G | 56 | 5.472G |
| 57 | 5.570G | 58 | 5.597G | 59 | 5.388G | 60 | 5.483G |
| 61 | 5.366G | 62 | 5.429G | 63 | 5.414G | 64 | 5.688G |
| 65 | 5.537G | 66 | 5.647G | 67 | 5.360G | 68 | 5.682G |
| 69 | 5.582G | 70 | 5.678G | 71 | 5.436G | 72 | 5.456G |
| 73 | 5.396G | 74 | 5.315G | 75 | 5.283G | 76 | 5.579G |
| 77 | 5.645G | 78 | 5.486G | 79 | 5.415G | 80 | 5.675G |
| 81 | 5.277G | 82 | 5.276G | 83 | 5.281G | 84 | 5.609G |
| 85 | 5.332G | 86 | 5.258G | 87 | 5.616G | 88 | 5.569G |
| 89 | 5.350G | 90 | 5.493G | 91 | 5.505G | 92 | 5.530G |
| 93 | 5.298G | 94 | 5.306G | 95 | 5.410G | 96 | 5.596G |
| 97 | 5.704G | 98 | 5.373G | 99 | 5.287G | 100 | 5.534G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.547G | 2 | 5.668G | 3 | 5.611G | 4 | 5.528G |
| 5 | 5.419G | 6 | 5.651G | 7 | 5.277G | 8 | 5.596G |
| 9 | 5.318G | 10 | 5.682G | 11 | 5.295G | 12 | 5.710G |
| 13 | 5.376G | 14 | 5.310G | 15 | 5.312G | 16 | 5.581G |
| 17 | 5.704G | 18 | 5.555G | 19 | 5.600G | 20 | 5.463G |
| 21 | 5.640G | 22 | 5.361G | 23 | 5.359G | 24 | 5.288G |
| 25 | 5.285G | 26 | 5.250G | 27 | 5.564G | 28 | 5.301G |
| 29 | 5.632G | 30 | 5.328G | 31 | 5.673G | 32 | 5.578G |
| 33 | 5.478G | 34 | 5.692G | 35 | 5.557G | 36 | 5.486G |
| 37 | 5.349G | 38 | 5.711G | 39 | 5.638G | 40 | 5.491G |
| 41 | 5.369G | 42 | 5.566G | 43 | 5.553G | 44 | 5.300G |
| 45 | 5.665G | 46 | 5.604G | 47 | 5.695G | 48 | 5.340G |
| 49 | 5.412G | 50 | 5.377G | 51 | 5.254G | 52 | 5.487G |
| 53 | 5.357G | 54 | 5.562G | 55 | 5.531G | 56 | 5.568G |
| 57 | 5.284G | 58 | 5.702G | 59 | 5.658G | 60 | 5.537G |
| 61 | 5.269G | 62 | 5.451G | 63 | 5.348G | 64 | 5.258G |
| 65 | 5.507G | 66 | 5.496G | 67 | 5.483G | 68 | 5.634G |
| 69 | 5.428G | 70 | 5.343G | 71 | 5.457G | 72 | 5.445G |
| 73 | 5.339G | 74 | 5.459G | 75 | 5.305G | 76 | 5.660G |
| 77 | 5.594G | 78 | 5.429G | 79 | 5.716G | 80 | 5.544G |
| 81 | 5.297G | 82 | 5.351G | 83 | 5.499G | 84 | 5.261G |
| 85 | 5.679G | 86 | 5.372G | 87 | 5.563G | 88 | 5.292G |
| 89 | 5.683G | 90 | 5.259G | 91 | 5.567G | 92 | 5.690G |
| 93 | 5.684G | 94 | 5.294G | 95 | 5.619G | 96 | 5.331G |
| 97 | 5.621G | 98 | 5.413G | 99 | 5.697G | 100 | 5.355G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.452G | 2 | 5.676G | 3 | 5.339G | 4 | 5.688G |
| 5 | 5.462G | 6 | 5.405G | 7 | 5.276G | 8 | 5.601G |
| 9 | 5.685G | 10 | 5.582G | 11 | 5.536G | 12 | 5.312G |
| 13 | 5.325G | 14 | 5.324G | 15 | 5.571G | 16 | 5.714G |
| 17 | 5.327G | 18 | 5.259G | 19 | 5.299G | 20 | 5.345G |
| 21 | 5.297G | 22 | 5.595G | 23 | 5.303G | 24 | 5.662G |
| 25 | 5.346G | 26 | 5.272G | 27 | 5.451G | 28 | 5.292G |
| 29 | 5.663G | 30 | 5.349G | 31 | 5.393G | 32 | 5.355G |
| 33 | 5.468G | 34 | 5.450G | 35 | 5.395G | 36 | 5.424G |
| 37 | 5.626G | 38 | 5.516G | 39 | 5.296G | 40 | 5.707G |
| 41 | 5.490G | 42 | 5.261G | 43 | 5.251G | 44 | 5.391G |
| 45 | 5.364G | 46 | 5.580G | 47 | 5.458G | 48 | 5.309G |
| 49 | 5.553G | 50 | 5.342G | 51 | 5.343G | 52 | 5.474G |
| 53 | 5.441G | 54 | 5.429G | 55 | 5.460G | 56 | 5.524G |
| 57 | 5.694G | 58 | 5.447G | 59 | 5.466G | 60 | 5.398G |
| 61 | 5.673G | 62 | 5.499G | 63 | 5.648G | 64 | 5.311G |
| 65 | 5.314G | 66 | 5.379G | 67 | 5.353G | 68 | 5.724G |
| 69 | 5.629G | 70 | 5.657G | 71 | 5.692G | 72 | 5.636G |
| 73 | 5.283G | 74 | 5.596G | 75 | 5.481G | 76 | 5.678G |
| 77 | 5.718G | 78 | 5.557G | 79 | 5.367G | 80 | 5.271G |
| 81 | 5.586G | 82 | 5.280G | 83 | 5.505G | 84 | 5.482G |
| 85 | 5.383G | 86 | 5.470G | 87 | 5.552G | 88 | 5.563G |
| 89 | 5.554G | 90 | 5.302G | 91 | 5.635G | 92 | 5.600G |
| 93 | 5.354G | 94 | 5.434G | 95 | 5.558G | 96 | 5.262G |
| 97 | 5.258G | 98 | 5.334G | 99 | 5.599G | 100 | 5.567G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.618G | 2 | 5.448G | 3 | 5.620G | 4 | 5.585G |
| 5 | 5.491G | 6 | 5.712G | 7 | 5.412G | 8 | 5.591G |
| 9 | 5.528G | 10 | 5.522G | 11 | 5.352G | 12 | 5.334G |
| 13 | 5.402G | 14 | 5.256G | 15 | 5.407G | 16 | 5.595G |
| 17 | 5.416G | 18 | 5.710G | 19 | 5.501G | 20 | 5.590G |
| 21 | 5.606G | 22 | 5.511G | 23 | 5.313G | 24 | 5.259G |
| 25 | 5.287G | 26 | 5.539G | 27 | 5.436G | 28 | 5.640G |
| 29 | 5.301G | 30 | 5.553G | 31 | 5.273G | 32 | 5.700G |
| 33 | 5.474G | 34 | 5.629G | 35 | 5.381G | 36 | 5.250G |
| 37 | 5.556G | 38 | 5.615G | 39 | 5.399G | 40 | 5.675G |
| 41 | 5.415G | 42 | 5.292G | 43 | 5.619G | 44 | 5.319G |
| 45 | 5.680G | 46 | 5.433G | 47 | 5.533G | 48 | 5.420G |
| 49 | 5.353G | 50 | 5.456G | 51 | 5.603G | 52 | 5.426G |
| 53 | 5.540G | 54 | 5.592G | 55 | 5.542G | 56 | 5.571G |
| 57 | 5.472G | 58 | 5.611G | 59 | 5.498G | 60 | 5.518G |
| 61 | 5.478G | 62 | 5.691G | 63 | 5.383G | 64 | 5.514G |
| 65 | 5.624G | 66 | 5.642G | 67 | 5.388G | 68 | 5.356G |
| 69 | 5.422G | 70 | 5.682G | 71 | 5.647G | 72 | 5.582G |
| 73 | 5.285G | 74 | 5.435G | 75 | 5.379G | 76 | 5.535G |
| 77 | 5.394G | 78 | 5.677G | 79 | 5.462G | 80 | 5.703G |
| 81 | 5.427G | 82 | 5.419G | 83 | 5.308G | 84 | 5.464G |
| 85 | 5.368G | 86 | 5.330G | 87 | 5.632G | 88 | 5.483G |
| 89 | 5.639G | 90 | 5.717G | 91 | 5.690G | 92 | 5.309G |
| 93 | 5.488G | 94 | 5.708G | 95 | 5.526G | 96 | 5.335G |
| 97 | 5.554G | 98 | 5.630G | 99 | 5.576G | 100 | 5.575G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.515G | 2 | 5.571G | 3 | 5.448G | 4 | 5.618G |
| 5 | 5.391G | 6 | 5.533G | 7 | 5.321G | 8 | 5.484G |
| 9 | 5.680G | 10 | 5.587G | 11 | 5.711G | 12 | 5.467G |
| 13 | 5.496G | 14 | 5.322G | 15 | 5.511G | 16 | 5.659G |
| 17 | 5.705G | 18 | 5.510G | 19 | 5.649G | 20 | 5.376G |
| 21 | 5.440G | 22 | 5.568G | 23 | 5.557G | 24 | 5.389G |
| 25 | 5.347G | 26 | 5.276G | 27 | 5.454G | 28 | 5.492G |
| 29 | 5.552G | 30 | 5.655G | 31 | 5.607G | 32 | 5.441G |
| 33 | 5.493G | 34 | 5.331G | 35 | 5.581G | 36 | 5.365G |
| 37 | 5.464G | 38 | 5.256G | 39 | 5.632G | 40 | 5.684G |
| 41 | 5.253G | 42 | 5.295G | 43 | 5.532G | 44 | 5.401G |
| 45 | 5.281G | 46 | 5.375G | 47 | 5.622G | 48 | 5.514G |
| 49 | 5.409G | 50 | 5.462G | 51 | 5.297G | 52 | 5.563G |
| 53 | 5.500G | 54 | 5.431G | 55 | 5.645G | 56 | 5.419G |
| 57 | 5.582G | 58 | 5.349G | 59 | 5.593G | 60 | 5.717G |
| 61 | 5.668G | 62 | 5.653G | 63 | 5.357G | 64 | 5.714G |
| 65 | 5.286G | 66 | 5.623G | 67 | 5.436G | 68 | 5.652G |
| 69 | 5.556G | 70 | 5.292G | 71 | 5.703G | 72 | 5.320G |
| 73 | 5.665G | 74 | 5.630G | 75 | 5.719G | 76 | 5.498G |
| 77 | 5.318G | 78 | 5.330G | 79 | 5.560G | 80 | 5.709G |
| 81 | 5.371G | 82 | 5.694G | 83 | 5.550G | 84 | 5.553G |
| 85 | 5.291G | 86 | 5.428G | 87 | 5.682G | 88 | 5.378G |
| 89 | 5.542G | 90 | 5.654G | 91 | 5.332G | 92 | 5.608G |
| 93 | 5.490G | 94 | 5.676G | 95 | 5.522G | 96 | 5.452G |
| 97 | 5.502G | 98 | 5.497G | 99 | 5.304G | 100 | 5.628G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.539G | 2 | 5.408G | 3 | 5.482G | 4 | 5.549G |
| 5 | 5.660G | 6 | 5.672G | 7 | 5.258G | 8 | 5.465G |
| 9 | 5.553G | 10 | 5.592G | 11 | 5.470G | 12 | 5.257G |
| 13 | 5.468G | 14 | 5.391G | 15 | 5.362G | 16 | 5.562G |
| 17 | 5.593G | 18 | 5.473G | 19 | 5.406G | 20 | 5.630G |
| 21 | 5.546G | 22 | 5.646G | 23 | 5.668G | 24 | 5.437G |
| 25 | 5.309G | 26 | 5.527G | 27 | 5.689G | 28 | 5.377G |
| 29 | 5.381G | 30 | 5.313G | 31 | 5.601G | 32 | 5.452G |
| 33 | 5.392G | 34 | 5.321G | 35 | 5.700G | 36 | 5.683G |
| 37 | 5.446G | 38 | 5.582G | 39 | 5.435G | 40 | 5.486G |
| 41 | 5.374G | 42 | 5.637G | 43 | 5.311G | 44 | 5.427G |
| 45 | 5.366G | 46 | 5.602G | 47 | 5.505G | 48 | 5.666G |
| 49 | 5.706G | 50 | 5.478G | 51 | 5.332G | 52 | 5.644G |
| 53 | 5.557G | 54 | 5.620G | 55 | 5.645G | 56 | 5.651G |
| 57 | 5.568G | 58 | 5.563G | 59 | 5.622G | 60 | 5.298G |
| 61 | 5.701G | 62 | 5.626G | 63 | 5.271G | 64 | 5.625G |
| 65 | 5.606G | 66 | 5.655G | 67 | 5.460G | 68 | 5.512G |
| 69 | 5.404G | 70 | 5.301G | 71 | 5.439G | 72 | 5.524G |
| 73 | 5.514G | 74 | 5.450G | 75 | 5.663G | 76 | 5.341G |
| 77 | 5.434G | 78 | 5.696G | 79 | 5.312G | 80 | 5.687G |
| 81 | 5.583G | 82 | 5.659G | 83 | 5.418G | 84 | 5.511G |
| 85 | 5.575G | 86 | 5.554G | 87 | 5.587G | 88 | 5.425G |
| 89 | 5.596G | 90 | 5.303G | 91 | 5.376G | 92 | 5.250G |
| 93 | 5.681G | 94 | 5.594G | 95 | 5.717G | 96 | 5.405G |
| 97 | 5.302G | 98 | 5.639G | 99 | 5.571G | 100 | 5.584G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.619G | 2 | 5.552G | 3 | 5.366G | 4 | 5.305G |
| 5 | 5.502G | 6 | 5.442G | 7 | 5.278G | 8 | 5.609G |
| 9 | 5.337G | 10 | 5.335G | 11 | 5.690G | 12 | 5.256G |
| 13 | 5.656G | 14 | 5.332G | 15 | 5.411G | 16 | 5.453G |
| 17 | 5.365G | 18 | 5.530G | 19 | 5.298G | 20 | 5.527G |
| 21 | 5.338G | 22 | 5.660G | 23 | 5.254G | 24 | 5.467G |
| 25 | 5.543G | 26 | 5.534G | 27 | 5.426G | 28 | 5.484G |
| 29 | 5.460G | 30 | 5.721G | 31 | 5.708G | 32 | 5.464G |
| 33 | 5.450G | 34 | 5.493G | 35 | 5.287G | 36 | 5.294G |
| 37 | 5.317G | 38 | 5.378G | 39 | 5.577G | 40 | 5.528G |
| 41 | 5.459G | 42 | 5.706G | 43 | 5.591G | 44 | 5.486G |
| 45 | 5.447G | 46 | 5.699G | 47 | 5.281G | 48 | 5.623G |
| 49 | 5.476G | 50 | 5.595G | 51 | 5.432G | 52 | 5.458G |
| 53 | 5.454G | 54 | 5.316G | 55 | 5.420G | 56 | 5.334G |
| 57 | 5.483G | 58 | 5.427G | 59 | 5.444G | 60 | 5.397G |
| 61 | 5.414G | 62 | 5.539G | 63 | 5.410G | 64 | 5.681G |
| 65 | 5.369G | 66 | 5.574G | 67 | 5.381G | 68 | 5.662G |
| 69 | 5.354G | 70 | 5.571G | 71 | 5.549G | 72 | 5.250G |
| 73 | 5.351G | 74 | 5.589G | 75 | 5.649G | 76 | 5.272G |
| 77 | 5.308G | 78 | 5.626G | 79 | 5.406G | 80 | 5.684G |
| 81 | 5.423G | 82 | 5.350G | 83 | 5.267G | 84 | 5.498G |
| 85 | 5.349G | 86 | 5.563G | 87 | 5.280G | 88 | 5.590G |
| 89 | 5.462G | 90 | 5.506G | 91 | 5.478G | 92 | 5.654G |
| 93 | 5.641G | 94 | 5.409G | 95 | 5.328G | 96 | 5.610G |
| 97 | 5.547G | 98 | 5.499G | 99 | 5.422G | 100 | 5.637G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.275G | 2 | 5.476G | 3 | 5.582G | 4 | 5.339G |
| 5 | 5.269G | 6 | 5.722G | 7 | 5.512G | 8 | 5.377G |
| 9 | 5.617G | 10 | 5.499G | 11 | 5.350G | 12 | 5.581G |
| 13 | 5.329G | 14 | 5.549G | 15 | 5.379G | 16 | 5.323G |
| 17 | 5.523G | 18 | 5.536G | 19 | 5.578G | 20 | 5.315G |
| 21 | 5.390G | 22 | 5.611G | 23 | 5.352G | 24 | 5.695G |
| 25 | 5.687G | 26 | 5.375G | 27 | 5.645G | 28 | 5.551G |
| 29 | 5.484G | 30 | 5.506G | 31 | 5.579G | 32 | 5.412G |
| 33 | 5.623G | 34 | 5.683G | 35 | 5.449G | 36 | 5.469G |
| 37 | 5.461G | 38 | 5.349G | 39 | 5.401G | 40 | 5.534G |
| 41 | 5.558G | 42 | 5.363G | 43 | 5.393G | 44 | 5.381G |
| 45 | 5.439G | 46 | 5.643G | 47 | 5.672G | 48 | 5.601G |
| 49 | 5.437G | 50 | 5.604G | 51 | 5.614G | 52 | 5.661G |
| 53 | 5.573G | 54 | 5.389G | 55 | 5.588G | 56 | 5.657G |
| 57 | 5.355G | 58 | 5.613G | 59 | 5.693G | 60 | 5.498G |
| 61 | 5.514G | 62 | 5.594G | 63 | 5.445G | 64 | 5.344G |
| 65 | 5.425G | 66 | 5.662G | 67 | 5.408G | 68 | 5.486G |
| 69 | 5.310G | 70 | 5.609G | 71 | 5.278G | 72 | 5.603G |
| 73 | 5.647G | 74 | 5.409G | 75 | 5.259G | 76 | 5.634G |
| 77 | 5.308G | 78 | 5.351G | 79 | 5.481G | 80 | 5.610G |
| 81 | 5.667G | 82 | 5.454G | 83 | 5.307G | 84 | 5.472G |
| 85 | 5.392G | 86 | 5.465G | 87 | 5.682G | 88 | 5.713G |
| 89 | 5.428G | 90 | 5.321G | 91 | 5.608G | 92 | 5.281G |
| 93 | 5.453G | 94 | 5.295G | 95 | 5.537G | 96 | 5.680G |
| 97 | 5.263G | 98 | 5.457G | 99 | 5.417G | 100 | 5.324G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.338G | 2 | 5.323G | 3 | 5.543G | 4 | 5.559G |
| 5 | 5.634G | 6 | 5.558G | 7 | 5.421G | 8 | 5.678G |
| 9 | 5.291G | 10 | 5.656G | 11 | 5.551G | 12 | 5.674G |
| 13 | 5.593G | 14 | 5.380G | 15 | 5.706G | 16 | 5.505G |
| 17 | 5.259G | 18 | 5.329G | 19 | 5.254G | 20 | 5.458G |
| 21 | 5.357G | 22 | 5.610G | 23 | 5.642G | 24 | 5.277G |
| 25 | 5.274G | 26 | 5.721G | 27 | 5.646G | 28 | 5.403G |
| 29 | 5.431G | 30 | 5.632G | 31 | 5.250G | 32 | 5.432G |
| 33 | 5.352G | 34 | 5.315G | 35 | 5.651G | 36 | 5.617G |
| 37 | 5.553G | 38 | 5.555G | 39 | 5.484G | 40 | 5.489G |
| 41 | 5.429G | 42 | 5.351G | 43 | 5.474G | 44 | 5.635G |
| 45 | 5.629G | 46 | 5.698G | 47 | 5.512G | 48 | 5.545G |
| 49 | 5.637G | 50 | 5.462G | 51 | 5.426G | 52 | 5.297G |
| 53 | 5.368G | 54 | 5.514G | 55 | 5.677G | 56 | 5.270G |
| 57 | 5.722G | 58 | 5.585G | 59 | 5.681G | 60 | 5.294G |
| 61 | 5.251G | 62 | 5.686G | 63 | 5.569G | 64 | 5.267G |
| 65 | 5.337G | 66 | 5.377G | 67 | 5.700G | 68 | 5.424G |
| 69 | 5.542G | 70 | 5.281G | 71 | 5.719G | 72 | 5.348G |
| 73 | 5.456G | 74 | 5.511G | 75 | 5.537G | 76 | 5.413G |
| 77 | 5.492G | 78 | 5.423G | 79 | 5.518G | 80 | 5.292G |
| 81 | 5.682G | 82 | 5.350G | 83 | 5.308G | 84 | 5.673G |
| 85 | 5.443G | 86 | 5.447G | 87 | 5.302G | 88 | 5.477G |
| 89 | 5.433G | 90 | 5.289G | 91 | 5.583G | 92 | 5.605G |
| 93 | 5.276G | 94 | 5.697G | 95 | 5.446G | 96 | 5.379G |
| 97 | 5.278G | 98 | 5.260G | 99 | 5.530G | 100 | 5.596G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.304G | 2 | 5.504G | 3 | 5.596G | 4 | 5.338G |
| 5 | 5.399G | 6 | 5.424G | 7 | 5.437G | 8 | 5.283G |
| 9 | 5.652G | 10 | 5.693G | 11 | 5.301G | 12 | 5.501G |
| 13 | 5.526G | 14 | 5.508G | 15 | 5.628G | 16 | 5.417G |
| 17 | 5.712G | 18 | 5.341G | 19 | 5.472G | 20 | 5.660G |
| 21 | 5.698G | 22 | 5.589G | 23 | 5.473G | 24 | 5.305G |
| 25 | 5.274G | 26 | 5.320G | 27 | 5.400G | 28 | 5.314G |
| 29 | 5.651G | 30 | 5.599G | 31 | 5.407G | 32 | 5.278G |
| 33 | 5.541G | 34 | 5.331G | 35 | 5.476G | 36 | 5.460G |
| 37 | 5.717G | 38 | 5.329G | 39 | 5.719G | 40 | 5.297G |
| 41 | 5.585G | 42 | 5.577G | 43 | 5.481G | 44 | 5.684G |
| 45 | 5.343G | 46 | 5.551G | 47 | 5.495G | 48 | 5.309G |
| 49 | 5.494G | 50 | 5.491G | 51 | 5.435G | 52 | 5.564G |
| 53 | 5.676G | 54 | 5.270G | 55 | 5.529G | 56 | 5.692G |
| 57 | 5.620G | 58 | 5.593G | 59 | 5.466G | 60 | 5.714G |
| 61 | 5.355G | 62 | 5.544G | 63 | 5.634G | 64 | 5.352G |
| 65 | 5.601G | 66 | 5.515G | 67 | 5.715G | 68 | 5.635G |
| 69 | 5.359G | 70 | 5.532G | 71 | 5.534G | 72 | 5.286G |
| 73 | 5.528G | 74 | 5.375G | 75 | 5.709G | 76 | 5.514G |
| 77 | 5.674G | 78 | 5.570G | 79 | 5.312G | 80 | 5.708G |
| 81 | 5.624G | 82 | 5.524G | 83 | 5.316G | 84 | 5.317G |
| 85 | 5.543G | 86 | 5.366G | 87 | 5.431G | 88 | 5.552G |
| 89 | 5.641G | 90 | 5.254G | 91 | 5.432G | 92 | 5.261G |
| 93 | 5.497G | 94 | 5.430G | 95 | 5.289G | 96 | 5.288G |
| 97 | 5.448G | 98 | 5.662G | 99 | 5.344G | 100 | 5.330G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.547G | 2 | 5.585G | 3 | 5.457G | 4 | 5.423G |
| 5 | 5.411G | 6 | 5.586G | 7 | 5.698G | 8 | 5.608G |
| 9 | 5.566G | 10 | 5.605G | 11 | 5.591G | 12 | 5.705G |
| 13 | 5.557G | 14 | 5.519G | 15 | 5.377G | 16 | 5.285G |
| 17 | 5.552G | 18 | 5.707G | 19 | 5.718G | 20 | 5.703G |
| 21 | 5.296G | 22 | 5.621G | 23 | 5.654G | 24 | 5.264G |
| 25 | 5.464G | 26 | 5.650G | 27 | 5.506G | 28 | 5.353G |
| 29 | 5.460G | 30 | 5.689G | 31 | 5.549G | 32 | 5.388G |
| 33 | 5.658G | 34 | 5.688G | 35 | 5.560G | 36 | 5.436G |
| 37 | 5.380G | 38 | 5.309G | 39 | 5.268G | 40 | 5.697G |
| 41 | 5.496G | 42 | 5.283G | 43 | 5.599G | 44 | 5.326G |
| 45 | 5.596G | 46 | 5.684G | 47 | 5.639G | 48 | 5.402G |
| 49 | 5.277G | 50 | 5.677G | 51 | 5.355G | 52 | 5.620G |
| 53 | 5.719G | 54 | 5.334G | 55 | 5.567G | 56 | 5.407G |
| 57 | 5.408G | 58 | 5.598G | 59 | 5.548G | 60 | 5.367G |
| 61 | 5.615G | 62 | 5.695G | 63 | 5.412G | 64 | 5.392G |
| 65 | 5.359G | 66 | 5.336G | 67 | 5.483G | 68 | 5.645G |
| 69 | 5.301G | 70 | 5.512G | 71 | 5.427G | 72 | 5.458G |
| 73 | 5.343G | 74 | 5.536G | 75 | 5.389G | 76 | 5.302G |
| 77 | 5.704G | 78 | 5.609G | 79 | 5.532G | 80 | 5.511G |
| 81 | 5.419G | 82 | 5.572G | 83 | 5.257G | 84 | 5.315G |
| 85 | 5.649G | 86 | 5.633G | 87 | 5.682G | 88 | 5.540G |
| 89 | 5.341G | 90 | 5.431G | 91 | 5.290G | 92 | 5.647G |
| 93 | 5.378G | 94 | 5.438G | 95 | 5.284G | 96 | 5.671G |
| 97 | 5.331G | 98 | 5.498G | 99 | 5.569G | 100 | 5.335G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.355G | 2 | 5.716G | 3 | 5.712G | 4 | 5.292G |
| 5 | 5.398G | 6 | 5.713G | 7 | 5.452G | 8 | 5.323G |
| 9 | 5.341G | 10 | 5.261G | 11 | 5.254G | 12 | 5.278G |
| 13 | 5.385G | 14 | 5.279G | 15 | 5.565G | 16 | 5.283G |
| 17 | 5.551G | 18 | 5.667G | 19 | 5.299G | 20 | 5.472G |
| 21 | 5.707G | 22 | 5.497G | 23 | 5.273G | 24 | 5.362G |
| 25 | 5.698G | 26 | 5.546G | 27 | 5.281G | 28 | 5.609G |
| 29 | 5.567G | 30 | 5.322G | 31 | 5.642G | 32 | 5.706G |
| 33 | 5.253G | 34 | 5.350G | 35 | 5.428G | 36 | 5.568G |
| 37 | 5.272G | 38 | 5.635G | 39 | 5.617G | 40 | 5.679G |
| 41 | 5.396G | 42 | 5.717G | 43 | 5.282G | 44 | 5.677G |
| 45 | 5.709G | 46 | 5.477G | 47 | 5.397G | 48 | 5.528G |
| 49 | 5.493G | 50 | 5.495G | 51 | 5.592G | 52 | 5.294G |
| 53 | 5.450G | 54 | 5.601G | 55 | 5.424G | 56 | 5.555G |
| 57 | 5.444G | 58 | 5.538G | 59 | 5.429G | 60 | 5.260G |
| 61 | 5.454G | 62 | 5.478G | 63 | 5.465G | 64 | 5.443G |
| 65 | 5.558G | 66 | 5.490G | 67 | 5.284G | 68 | 5.407G |
| 69 | 5.425G | 70 | 5.488G | 71 | 5.308G | 72 | 5.673G |
| 73 | 5.413G | 74 | 5.570G | 75 | 5.518G | 76 | 5.321G |
| 77 | 5.353G | 78 | 5.563G | 79 | 5.345G | 80 | 5.720G |
| 81 | 5.331G | 82 | 5.523G | 83 | 5.655G | 84 | 5.363G |
| 85 | 5.309G | 86 | 5.267G | 87 | 5.332G | 88 | 5.661G |
| 89 | 5.543G | 90 | 5.375G | 91 | 5.420G | 92 | 5.369G |
| 93 | 5.515G | 94 | 5.639G | 95 | 5.393G | 96 | 5.405G |
| 97 | 5.603G | 98 | 5.451G | 99 | 5.252G | 100 | 5.668G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.571G | 2 | 5.422G | 3 | 5.621G | 4 | 5.611G |
| 5 | 5.285G | 6 | 5.358G | 7 | 5.307G | 8 | 5.544G |
| 9 | 5.427G | 10 | 5.502G | 11 | 5.431G | 12 | 5.531G |
| 13 | 5.518G | 14 | 5.593G | 15 | 5.459G | 16 | 5.555G |
| 17 | 5.417G | 18 | 5.648G | 19 | 5.556G | 20 | 5.321G |
| 21 | 5.347G | 22 | 5.508G | 23 | 5.330G | 24 | 5.608G |
| 25 | 5.432G | 26 | 5.481G | 27 | 5.505G | 28 | 5.400G |
| 29 | 5.554G | 30 | 5.300G | 31 | 5.271G | 32 | 5.558G |
| 33 | 5.681G | 34 | 5.458G | 35 | 5.658G | 36 | 5.409G |
| 37 | 5.671G | 38 | 5.268G | 39 | 5.349G | 40 | 5.258G |
| 41 | 5.410G | 42 | 5.617G | 43 | 5.370G | 44 | 5.342G |
| 45 | 5.256G | 46 | 5.314G | 47 | 5.613G | 48 | 5.387G |
| 49 | 5.262G | 50 | 5.500G | 51 | 5.414G | 52 | 5.420G |
| 53 | 5.715G | 54 | 5.384G | 55 | 5.654G | 56 | 5.643G |
| 57 | 5.576G | 58 | 5.495G | 59 | 5.720G | 60 | 5.304G |
| 61 | 5.278G | 62 | 5.570G | 63 | 5.609G | 64 | 5.311G |
| 65 | 5.676G | 66 | 5.694G | 67 | 5.269G | 68 | 5.561G |
| 69 | 5.594G | 70 | 5.282G | 71 | 5.687G | 72 | 5.709G |
| 73 | 5.375G | 74 | 5.624G | 75 | 5.261G | 76 | 5.724G |
| 77 | 5.514G | 78 | 5.336G | 79 | 5.255G | 80 | 5.557G |
| 81 | 5.363G | 82 | 5.423G | 83 | 5.402G | 84 | 5.436G |
| 85 | 5.696G | 86 | 5.662G | 87 | 5.610G | 88 | 5.313G |
| 89 | 5.251G | 90 | 5.391G | 91 | 5.551G | 92 | 5.563G |
| 93 | 5.405G | 94 | 5.411G | 95 | 5.685G | 96 | 5.470G |
| 97 | 5.452G | 98 | 5.679G | 99 | 5.629G | 100 | 5.497G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.405G | 2 | 5.540G | 3 | 5.383G | 4 | 5.327G |
| 5 | 5.623G | 6 | 5.487G | 7 | 5.341G | 8 | 5.459G |
| 9 | 5.587G | 10 | 5.434G | 11 | 5.329G | 12 | 5.368G |
| 13 | 5.304G | 14 | 5.512G | 15 | 5.315G | 16 | 5.508G |
| 17 | 5.410G | 18 | 5.705G | 19 | 5.656G | 20 | 5.718G |
| 21 | 5.680G | 22 | 5.657G | 23 | 5.447G | 24 | 5.464G |
| 25 | 5.491G | 26 | 5.333G | 27 | 5.627G | 28 | 5.572G |
| 29 | 5.714G | 30 | 5.538G | 31 | 5.575G | 32 | 5.696G |
| 33 | 5.306G | 34 | 5.501G | 35 | 5.278G | 36 | 5.666G |
| 37 | 5.626G | 38 | 5.529G | 39 | 5.411G | 40 | 5.670G |
| 41 | 5.448G | 42 | 5.608G | 43 | 5.384G | 44 | 5.261G |
| 45 | 5.576G | 46 | 5.357G | 47 | 5.581G | 48 | 5.550G |
| 49 | 5.504G | 50 | 5.473G | 51 | 5.377G | 52 | 5.592G |
| 53 | 5.264G | 54 | 5.310G | 55 | 5.522G | 56 | 5.651G |
| 57 | 5.402G | 58 | 5.604G | 59 | 5.556G | 60 | 5.706G |
| 61 | 5.351G | 62 | 5.709G | 63 | 5.375G | 64 | 5.366G |
| 65 | 5.485G | 66 | 5.273G | 67 | 5.644G | 68 | 5.571G |
| 69 | 5.365G | 70 | 5.295G | 71 | 5.514G | 72 | 5.593G |
| 73 | 5.639G | 74 | 5.407G | 75 | 5.356G | 76 | 5.358G |
| 77 | 5.408G | 78 | 5.449G | 79 | 5.389G | 80 | 5.428G |
| 81 | 5.535G | 82 | 5.453G | 83 | 5.286G | 84 | 5.419G |
| 85 | 5.348G | 86 | 5.590G | 87 | 5.506G | 88 | 5.509G |
| 89 | 5.697G | 90 | 5.668G | 91 | 5.252G | 92 | 5.528G |
| 93 | 5.689G | 94 | 5.600G | 95 | 5.469G | 96 | 5.415G |
| 97 | 5.648G | 98 | 5.318G | 99 | 5.674G | 100 | 5.676G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.447G | 2 | 5.522G | 3 | 5.644G | 4 | 5.373G |
| 5 | 5.602G | 6 | 5.417G | 7 | 5.351G | 8 | 5.635G |
| 9 | 5.431G | 10 | 5.489G | 11 | 5.724G | 12 | 5.449G |
| 13 | 5.421G | 14 | 5.393G | 15 | 5.503G | 16 | 5.579G |
| 17 | 5.348G | 18 | 5.353G | 19 | 5.687G | 20 | 5.323G |
| 21 | 5.664G | 22 | 5.270G | 23 | 5.597G | 24 | 5.271G |
| 25 | 5.666G | 26 | 5.691G | 27 | 5.356G | 28 | 5.255G |
| 29 | 5.656G | 30 | 5.316G | 31 | 5.558G | 32 | 5.292G |
| 33 | 5.544G | 34 | 5.649G | 35 | 5.672G | 36 | 5.527G |
| 37 | 5.297G | 38 | 5.559G | 39 | 5.400G | 40 | 5.585G |
| 41 | 5.603G | 42 | 5.617G | 43 | 5.592G | 44 | 5.272G |
| 45 | 5.464G | 46 | 5.658G | 47 | 5.371G | 48 | 5.708G |
| 49 | 5.505G | 50 | 5.358G | 51 | 5.547G | 52 | 5.532G |
| 53 | 5.574G | 54 | 5.670G | 55 | 5.360G | 56 | 5.616G |
| 57 | 5.441G | 58 | 5.716G | 59 | 5.587G | 60 | 5.466G |
| 61 | 5.347G | 62 | 5.256G | 63 | 5.569G | 64 | 5.411G |
| 65 | 5.308G | 66 | 5.490G | 67 | 5.472G | 68 | 5.589G |
| 69 | 5.453G | 70 | 5.474G | 71 | 5.424G | 72 | 5.493G |
| 73 | 5.722G | 74 | 5.336G | 75 | 5.546G | 76 | 5.661G |
| 77 | 5.586G | 78 | 5.582G | 79 | 5.317G | 80 | 5.501G |
| 81 | 5.486G | 82 | 5.425G | 83 | 5.338G | 84 | 5.313G |
| 85 | 5.309G | 86 | 5.448G | 87 | 5.380G | 88 | 5.306G |
| 89 | 5.476G | 90 | 5.621G | 91 | 5.618G | 92 | 5.392G |
| 93 | 5.714G | 94 | 5.430G | 95 | 5.305G | 96 | 5.594G |
| 97 | 5.332G | 98 | 5.533G | 99 | 5.455G | 100 | 5.717G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.354G | 2 | 5.619G | 3 | 5.672G | 4 | 5.331G |
| 5 | 5.702G | 6 | 5.261G | 7 | 5.512G | 8 | 5.282G |
| 9 | 5.553G | 10 | 5.652G | 11 | 5.295G | 12 | 5.645G |
| 13 | 5.653G | 14 | 5.460G | 15 | 5.294G | 16 | 5.692G |
| 17 | 5.418G | 18 | 5.285G | 19 | 5.415G | 20 | 5.266G |
| 21 | 5.504G | 22 | 5.548G | 23 | 5.686G | 24 | 5.656G |
| 25 | 5.443G | 26 | 5.412G | 27 | 5.291G | 28 | 5.384G |
| 29 | 5.448G | 30 | 5.651G | 31 | 5.308G | 32 | 5.293G |
| 33 | 5.259G | 34 | 5.461G | 35 | 5.429G | 36 | 5.252G |
| 37 | 5.469G | 38 | 5.591G | 39 | 5.296G | 40 | 5.464G |
| 41 | 5.680G | 42 | 5.593G | 43 | 5.717G | 44 | 5.536G |
| 45 | 5.370G | 46 | 5.693G | 47 | 5.522G | 48 | 5.343G |
| 49 | 5.405G | 50 | 5.376G | 51 | 5.515G | 52 | 5.456G |
| 53 | 5.477G | 54 | 5.445G | 55 | 5.273G | 56 | 5.458G |
| 57 | 5.508G | 58 | 5.527G | 59 | 5.345G | 60 | 5.403G |
| 61 | 5.465G | 62 | 5.329G | 63 | 5.706G | 64 | 5.563G |
| 65 | 5.600G | 66 | 5.503G | 67 | 5.648G | 68 | 5.632G |
| 69 | 5.689G | 70 | 5.276G | 71 | 5.664G | 72 | 5.507G |
| 73 | 5.499G | 74 | 5.633G | 75 | 5.722G | 76 | 5.662G |
| 77 | 5.641G | 78 | 5.661G | 79 | 5.431G | 80 | 5.612G |
| 81 | 5.413G | 82 | 5.263G | 83 | 5.466G | 84 | 5.646G |
| 85 | 5.452G | 86 | 5.513G | 87 | 5.454G | 88 | 5.355G |
| 89 | 5.723G | 90 | 5.453G | 91 | 5.349G | 92 | 5.720G |
| 93 | 5.457G | 94 | 5.327G | 95 | 5.554G | 96 | 5.715G |
| 97 | 5.711G | 98 | 5.313G | 99 | 5.669G | 100 | 5.468G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.721G | 2 | 5.252G | 3 | 5.654G | 4 | 5.502G |
| 5 | 5.713G | 6 | 5.309G | 7 | 5.390G | 8 | 5.534G |
| 9 | 5.302G | 10 | 5.651G | 11 | 5.417G | 12 | 5.511G |
| 13 | 5.639G | 14 | 5.531G | 15 | 5.664G | 16 | 5.704G |
| 17 | 5.392G | 18 | 5.368G | 19 | 5.554G | 20 | 5.602G |
| 21 | 5.280G | 22 | 5.441G | 23 | 5.682G | 24 | 5.685G |
| 25 | 5.286G | 26 | 5.550G | 27 | 5.371G | 28 | 5.557G |
| 29 | 5.622G | 30 | 5.258G | 31 | 5.334G | 32 | 5.348G |
| 33 | 5.362G | 34 | 5.718G | 35 | 5.715G | 36 | 5.347G |
| 37 | 5.468G | 38 | 5.628G | 39 | 5.277G | 40 | 5.413G |
| 41 | 5.653G | 42 | 5.582G | 43 | 5.545G | 44 | 5.543G |
| 45 | 5.451G | 46 | 5.562G | 47 | 5.512G | 48 | 5.691G |
| 49 | 5.494G | 50 | 5.585G | 51 | 5.632G | 52 | 5.367G |
| 53 | 5.485G | 54 | 5.337G | 55 | 5.580G | 56 | 5.558G |
| 57 | 5.641G | 58 | 5.422G | 59 | 5.364G | 60 | 5.542G |
| 61 | 5.454G | 62 | 5.629G | 63 | 5.687G | 64 | 5.577G |
| 65 | 5.643G | 66 | 5.283G | 67 | 5.455G | 68 | 5.378G |
| 69 | 5.405G | 70 | 5.298G | 71 | 5.693G | 72 | 5.323G |
| 73 | 5.692G | 74 | 5.375G | 75 | 5.394G | 76 | 5.475G |
| 77 | 5.275G | 78 | 5.284G | 79 | 5.591G | 80 | 5.592G |
| 81 | 5.329G | 82 | 5.476G | 83 | 5.410G | 84 | 5.416G |
| 85 | 5.656G | 86 | 5.599G | 87 | 5.605G | 88 | 5.665G |
| 89 | 5.443G | 90 | 5.686G | 91 | 5.326G | 92 | 5.256G |
| 93 | 5.279G | 94 | 5.435G | 95 | 5.620G | 96 | 5.318G |
| 97 | 5.579G | 98 | 5.598G | 99 | 5.427G | 100 | 5.584G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.319G | 2 | 5.699G | 3 | 5.356G | 4 | 5.604G |
| 5 | 5.539G | 6 | 5.594G | 7 | 5.393G | 8 | 5.313G |
| 9 | 5.464G | 10 | 5.471G | 11 | 5.429G | 12 | 5.534G |
| 13 | 5.707G | 14 | 5.322G | 15 | 5.454G | 16 | 5.347G |
| 17 | 5.367G | 18 | 5.481G | 19 | 5.275G | 20 | 5.583G |
| 21 | 5.599G | 22 | 5.668G | 23 | 5.724G | 24 | 5.316G |
| 25 | 5.348G | 26 | 5.252G | 27 | 5.588G | 28 | 5.584G |
| 29 | 5.391G | 30 | 5.312G | 31 | 5.289G | 32 | 5.423G |
| 33 | 5.615G | 34 | 5.335G | 35 | 5.370G | 36 | 5.581G |
| 37 | 5.653G | 38 | 5.260G | 39 | 5.630G | 40 | 5.614G |
| 41 | 5.512G | 42 | 5.296G | 43 | 5.364G | 44 | 5.621G |
| 45 | 5.502G | 46 | 5.338G | 47 | 5.304G | 48 | 5.444G |
| 49 | 5.559G | 50 | 5.590G | 51 | 5.290G | 52 | 5.665G |
| 53 | 5.325G | 54 | 5.625G | 55 | 5.258G | 56 | 5.382G |
| 57 | 5.396G | 58 | 5.403G | 59 | 5.343G | 60 | 5.644G |
| 61 | 5.324G | 62 | 5.628G | 63 | 5.446G | 64 | 5.318G |
| 65 | 5.662G | 66 | 5.372G | 67 | 5.278G | 68 | 5.384G |
| 69 | 5.283G | 70 | 5.358G | 71 | 5.475G | 72 | 5.484G |
| 73 | 5.320G | 74 | 5.436G | 75 | 5.419G | 76 | 5.679G |
| 77 | 5.272G | 78 | 5.297G | 79 | 5.577G | 80 | 5.683G |
| 81 | 5.596G | 82 | 5.434G | 83 | 5.410G | 84 | 5.571G |
| 85 | 5.503G | 86 | 5.654G | 87 | 5.460G | 88 | 5.718G |
| 89 | 5.685G | 90 | 5.265G | 91 | 5.473G | 92 | 5.666G |
| 93 | 5.357G | 94 | 5.532G | 95 | 5.487G | 96 | 5.345G |
| 97 | 5.601G | 98 | 5.709G | 99 | 5.710G | 100 | 5.650G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.386G | 2 | 5.670G | 3 | 5.335G | 4 | 5.673G |
| 5 | 5.463G | 6 | 5.586G | 7 | 5.551G | 8 | 5.411G |
| 9 | 5.457G | 10 | 5.553G | 11 | 5.274G | 12 | 5.317G |
| 13 | 5.668G | 14 | 5.435G | 15 | 5.281G | 16 | 5.523G |
| 17 | 5.337G | 18 | 5.639G | 19 | 5.398G | 20 | 5.687G |
| 21 | 5.290G | 22 | 5.445G | 23 | 5.573G | 24 | 5.405G |
| 25 | 5.487G | 26 | 5.417G | 27 | 5.482G | 28 | 5.680G |
| 29 | 5.588G | 30 | 5.404G | 31 | 5.327G | 32 | 5.462G |
| 33 | 5.302G | 34 | 5.512G | 35 | 5.360G | 36 | 5.491G |
| 37 | 5.341G | 38 | 5.421G | 39 | 5.384G | 40 | 5.342G |
| 41 | 5.721G | 42 | 5.376G | 43 | 5.325G | 44 | 5.629G |
| 45 | 5.252G | 46 | 5.471G | 47 | 5.446G | 48 | 5.266G |
| 49 | 5.664G | 50 | 5.310G | 51 | 5.358G | 52 | 5.624G |
| 53 | 5.340G | 54 | 5.314G | 55 | 5.556G | 56 | 5.535G |
| 57 | 5.503G | 58 | 5.636G | 59 | 5.431G | 60 | 5.529G |
| 61 | 5.347G | 62 | 5.580G | 63 | 5.483G | 64 | 5.522G |
| 65 | 5.322G | 66 | 5.256G | 67 | 5.667G | 68 | 5.276G |
| 69 | 5.654G | 70 | 5.303G | 71 | 5.546G | 72 | 5.595G |
| 73 | 5.469G | 74 | 5.498G | 75 | 5.562G | 76 | 5.525G |
| 77 | 5.633G | 78 | 5.572G | 79 | 5.395G | 80 | 5.260G |
| 81 | 5.396G | 82 | 5.582G | 83 | 5.258G | 84 | 5.251G |
| 85 | 5.375G | 86 | 5.420G | 87 | 5.510G | 88 | 5.444G |
| 89 | 5.361G | 90 | 5.355G | 91 | 5.488G | 92 | 5.399G |
| 93 | 5.606G | 94 | 5.621G | 95 | 5.460G | 96 | 5.374G |
| 97 | 5.661G | 98 | 5.576G | 99 | 5.613G | 100 | 5.627G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.310G | 2 | 5.546G | 3 | 5.612G | 4 | 5.384G |
| 5 | 5.348G | 6 | 5.517G | 7 | 5.632G | 8 | 5.298G |
| 9 | 5.569G | 10 | 5.267G | 11 | 5.445G | 12 | 5.264G |
| 13 | 5.596G | 14 | 5.466G | 15 | 5.444G | 16 | 5.620G |
| 17 | 5.326G | 18 | 5.601G | 19 | 5.575G | 20 | 5.412G |
| 21 | 5.408G | 22 | 5.543G | 23 | 5.374G | 24 | 5.277G |
| 25 | 5.724G | 26 | 5.436G | 27 | 5.580G | 28 | 5.380G |
| 29 | 5.258G | 30 | 5.570G | 31 | 5.595G | 32 | 5.259G |
| 33 | 5.355G | 34 | 5.327G | 35 | 5.505G | 36 | 5.395G |
| 37 | 5.699G | 38 | 5.704G | 39 | 5.623G | 40 | 5.486G |
| 41 | 5.695G | 42 | 5.499G | 43 | 5.357G | 44 | 5.608G |
| 45 | 5.268G | 46 | 5.545G | 47 | 5.261G | 48 | 5.313G |
| 49 | 5.666G | 50 | 5.634G | 51 | 5.527G | 52 | 5.371G |
| 53 | 5.600G | 54 | 5.689G | 55 | 5.397G | 56 | 5.390G |
| 57 | 5.669G | 58 | 5.378G | 59 | 5.276G | 60 | 5.462G |
| 61 | 5.287G | 62 | 5.531G | 63 | 5.430G | 64 | 5.336G |
| 65 | 5.305G | 66 | 5.577G | 67 | 5.271G | 68 | 5.250G |
| 69 | 5.579G | 70 | 5.523G | 71 | 5.411G | 72 | 5.414G |
| 73 | 5.419G | 74 | 5.651G | 75 | 5.670G | 76 | 5.665G |
| 77 | 5.562G | 78 | 5.469G | 79 | 5.308G | 80 | 5.254G |
| 81 | 5.502G | 82 | 5.413G | 83 | 5.473G | 84 | 5.720G |
| 85 | 5.576G | 86 | 5.501G | 87 | 5.439G | 88 | 5.272G |
| 89 | 5.426G | 90 | 5.405G | 91 | 5.255G | 92 | 5.332G |
| 93 | 5.285G | 94 | 5.639G | 95 | 5.529G | 96 | 5.541G |
| 97 | 5.342G | 98 | 5.705G | 99 | 5.664G | 100 | 5.470G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.490G | 2 | 5.483G | 3 | 5.365G | 4 | 5.584G |
| 5 | 5.439G | 6 | 5.412G | 7 | 5.362G | 8 | 5.682G |
| 9 | 5.513G | 10 | 5.670G | 11 | 5.573G | 12 | 5.410G |
| 13 | 5.526G | 14 | 5.712G | 15 | 5.678G | 16 | 5.673G |
| 17 | 5.679G | 18 | 5.582G | 19 | 5.626G | 20 | 5.542G |
| 21 | 5.279G | 22 | 5.550G | 23 | 5.334G | 24 | 5.549G |
| 25 | 5.671G | 26 | 5.664G | 27 | 5.284G | 28 | 5.602G |
| 29 | 5.693G | 30 | 5.295G | 31 | 5.471G | 32 | 5.400G |
| 33 | 5.424G | 34 | 5.325G | 35 | 5.654G | 36 | 5.378G |
| 37 | 5.647G | 38 | 5.391G | 39 | 5.428G | 40 | 5.507G |
| 41 | 5.339G | 42 | 5.704G | 43 | 5.547G | 44 | 5.627G |
| 45 | 5.715G | 46 | 5.684G | 47 | 5.452G | 48 | 5.656G |
| 49 | 5.392G | 50 | 5.634G | 51 | 5.580G | 52 | 5.498G |
| 53 | 5.358G | 54 | 5.261G | 55 | 5.717G | 56 | 5.564G |
| 57 | 5.443G | 58 | 5.331G | 59 | 5.379G | 60 | 5.710G |
| 61 | 5.462G | 62 | 5.361G | 63 | 5.463G | 64 | 5.340G |
| 65 | 5.687G | 66 | 5.608G | 67 | 5.666G | 68 | 5.595G |
| 69 | 5.538G | 70 | 5.677G | 71 | 5.503G | 72 | 5.720G |
| 73 | 5.533G | 74 | 5.583G | 75 | 5.629G | 76 | 5.619G |
| 77 | 5.266G | 78 | 5.327G | 79 | 5.578G | 80 | 5.685G |
| 81 | 5.563G | 82 | 5.676G | 83 | 5.597G | 84 | 5.347G |
| 85 | 5.686G | 86 | 5.638G | 87 | 5.500G | 88 | 5.373G |
| 89 | 5.701G | 90 | 5.466G | 91 | 5.297G | 92 | 5.330G |
| 93 | 5.475G | 94 | 5.658G | 95 | 5.522G | 96 | 5.590G |
| 97 | 5.477G | 98 | 5.541G | 99 | 5.668G | 100 | 5.581G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.616G | 2 | 5.446G | 3 | 5.444G | 4 | 5.656G |
| 5 | 5.605G | 6 | 5.484G | 7 | 5.673G | 8 | 5.664G |
| 9 | 5.417G | 10 | 5.404G | 11 | 5.545G | 12 | 5.391G |
| 13 | 5.363G | 14 | 5.341G | 15 | 5.487G | 16 | 5.573G |
| 17 | 5.687G | 18 | 5.623G | 19 | 5.667G | 20 | 5.356G |
| 21 | 5.330G | 22 | 5.376G | 23 | 5.518G | 24 | 5.478G |
| 25 | 5.643G | 26 | 5.533G | 27 | 5.347G | 28 | 5.476G |
| 29 | 5.357G | 30 | 5.255G | 31 | 5.702G | 32 | 5.472G |
| 33 | 5.636G | 34 | 5.331G | 35 | 5.485G | 36 | 5.617G |
| 37 | 5.714G | 38 | 5.526G | 39 | 5.261G | 40 | 5.594G |
| 41 | 5.254G | 42 | 5.707G | 43 | 5.412G | 44 | 5.693G |
| 45 | 5.466G | 46 | 5.611G | 47 | 5.305G | 48 | 5.302G |
| 49 | 5.283G | 50 | 5.534G | 51 | 5.661G | 52 | 5.287G |
| 53 | 5.540G | 54 | 5.475G | 55 | 5.397G | 56 | 5.559G |
| 57 | 5.319G | 58 | 5.710G | 59 | 5.390G | 60 | 5.507G |
| 61 | 5.603G | 62 | 5.459G | 63 | 5.274G | 64 | 5.660G |
| 65 | 5.522G | 66 | 5.428G | 67 | 5.291G | 68 | 5.641G |
| 69 | 5.303G | 70 | 5.555G | 71 | 5.260G | 72 | 5.411G |
| 73 | 5.596G | 74 | 5.642G | 75 | 5.682G | 76 | 5.653G |
| 77 | 5.273G | 78 | 5.490G | 79 | 5.270G | 80 | 5.493G |
| 81 | 5.458G | 82 | 5.435G | 83 | 5.324G | 84 | 5.558G |
| 85 | 5.514G | 86 | 5.648G | 87 | 5.697G | 88 | 5.509G |
| 89 | 5.486G | 90 | 5.372G | 91 | 5.434G | 92 | 5.336G |
| 93 | 5.259G | 94 | 5.427G | 95 | 5.720G | 96 | 5.539G |
| 97 | 5.432G | 98 | 5.628G | 99 | 5.353G | 100 | 5.613G |

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| Type 1 Radar Statistical Performances | | | | |
|---------------------------------------|------------------|-----------------|---------|-------------------------|
| Trial # | Pulses per Burst | Pulse Width (s) | PRI (s) | Detection |
| 1 | 18 | 1.0u | 1.428m | Yes |
| 2 | 18 | 1.0u | 1.428m | Yes |
| 3 | 18 | 1.0u | 1.428m | Yes |
| 4 | 18 | 1.0u | 1.428m | Yes |
| 5 | 18 | 1.0u | 1.428m | Yes |
| 6 | 18 | 1.0u | 1.428m | Yes |
| 7 | 18 | 1.0u | 1.428m | Yes |
| 8 | 18 | 1.0u | 1.428m | Yes |
| 9 | 18 | 1.0u | 1.428m | Yes |
| 10 | 18 | 1.0u | 1.428m | Yes |
| 11 | 18 | 1.0u | 1.428m | Yes |
| 12 | 18 | 1.0u | 1.428m | Yes |
| 13 | 18 | 1.0u | 1.428m | Yes |
| 14 | 18 | 1.0u | 1.428m | Yes |
| 15 | 18 | 1.0u | 1.428m | Yes |
| 16 | 18 | 1.0u | 1.428m | Yes |
| 17 | 18 | 1.0u | 1.428m | Yes |
| 18 | 18 | 1.0u | 1.428m | Yes |
| 19 | 18 | 1.0u | 1.428m | Yes |
| 20 | 18 | 1.0u | 1.428m | Yes |
| 21 | 18 | 1.0u | 1.428m | Yes |
| 22 | 18 | 1.0u | 1.428m | Yes |
| 23 | 18 | 1.0u | 1.428m | Yes |
| 24 | 18 | 1.0u | 1.428m | Yes |
| 25 | 18 | 1.0u | 1.428m | Yes |
| 26 | 18 | 1.0u | 1.428m | Yes |
| 27 | 18 | 1.0u | 1.428m | Yes |
| 28 | 18 | 1.0u | 1.428m | Yes |
| 29 | 18 | 1.0u | 1.428m | Yes |
| 30 | 18 | 1.0u | 1.428m | Yes |
| | | | | Detection Rate: 100.0 % |

| Type 2 Radar Statistical Performances | | | | |
|---------------------------------------|------------------|-----------------|------------------------|-----------|
| Trial # | Pulses per Burst | Pulse Width (s) | PRI (s) | Detection |
| 1 | 27 | 4.5u | 227.0u | Yes |
| 2 | 24 | 4.2u | 186.0u | Yes |
| 3 | 25 | 1.2u | 152.0u | Yes |
| 4 | 25 | 4.7u | 199.0u | Yes |
| 5 | 24 | 4.1u | 181.0u | Yes |
| 6 | 29 | 3.2u | 155.0u | Yes |
| 7 | 27 | 2.4u | 206.0u | Yes |
| 8 | 26 | 1.3u | 171.0u | Yes |
| 9 | 23 | 1.5u | 201.0u | Yes |
| 10 | 28 | 1.8u | 178.0u | Yes |
| 11 | 25 | 1.7u | 217.0u | Yes |
| 12 | 26 | 2.5u | 189.0u | Yes |
| 13 | 26 | 1.4u | 205.0u | Yes |
| 14 | 28 | 3.8u | 187.0u | Yes |
| 15 | 25 | 2.7u | 171.0u | Yes |
| 16 | 23 | 4.0u | 222.0u | Yes |
| 17 | 28 | 3.1u | 224.0u | Yes |
| 18 | 23 | 4.2u | 179.0u | Yes |
| 19 | 28 | 1.5u | 171.0u | No |
| 20 | 26 | 1.4u | 183.0u | No |
| 21 | 26 | 1.1u | 179.0u | Yes |
| 22 | 23 | 2.9u | 186.0u | Yes |
| 23 | 26 | 2.4u | 220.0u | Yes |
| 24 | 25 | 1.9u | 226.0u | Yes |
| 25 | 27 | 1.1u | 178.0u | Yes |
| 26 | 24 | 1.1u | 179.0u | Yes |
| 27 | 27 | 3.0u | 189.0u | No |
| 28 | 24 | 4.5u | 191.0u | Yes |
| 29 | 25 | 2.2u | 155.0u | Yes |
| 30 | 25 | 3.5u | 169.0u | Yes |
| | | | Detection Rate: 90.0 % | |

| Type 3 Radar Statistical Performances | | | | |
|---------------------------------------|------------------|-----------------|------------------------|-----------|
| Trial # | Pulses per Burst | Pulse Width (s) | PRI (s) | Detection |
| 1 | 16 | 8.3u | 419.0u | Yes |
| 2 | 18 | 6.2u | 432.0u | Yes |
| 3 | 16 | 9.0u | 207.0u | Yes |
| 4 | 16 | 7.6u | 209.0u | Yes |
| 5 | 17 | 8.3u | 417.0u | Yes |
| 6 | 17 | 8.4u | 434.0u | Yes |
| 7 | 18 | 7.6u | 256.0u | Yes |
| 8 | 16 | 7.1u | 370.0u | Yes |
| 9 | 16 | 9.5u | 292.0u | Yes |
| 10 | 16 | 7.4u | 286.0u | Yes |
| 11 | 16 | 7.1u | 247.0u | Yes |
| 12 | 16 | 6.5u | 430.0u | Yes |
| 13 | 17 | 8.8u | 362.0u | Yes |
| 14 | 16 | 8.5u | 209.0u | Yes |
| 15 | 17 | 8.8u | 406.0u | Yes |
| 16 | 16 | 7.4u | 468.0u | Yes |
| 17 | 16 | 7.3u | 443.0u | Yes |
| 18 | 16 | 7.9u | 425.0u | No |
| 19 | 18 | 7.2u | 386.0u | Yes |
| 20 | 18 | 9.3u | 357.0u | Yes |
| 21 | 18 | 9.5u | 482.0u | Yes |
| 22 | 17 | 9.6u | 241.0u | Yes |
| 23 | 16 | 9.3u | 404.0u | Yes |
| 24 | 18 | 7.8u | 277.0u | Yes |
| 25 | 17 | 6.9u | 200.0u | Yes |
| 26 | 17 | 7.7u | 341.0u | No |
| 27 | 16 | 7.6u | 452.0u | Yes |
| 28 | 18 | 6.3u | 298.0u | Yes |
| 29 | 17 | 8.4u | 356.0u | Yes |
| 30 | 18 | 8.2u | 352.0u | Yes |
| | | | Detection Rate: 93.3 % | |

| Type 4 Radar Statistical Performances | | | | |
|---------------------------------------|------------------|-----------------|-----------------------|-----------|
| Trial # | Pulses per Burst | Pulse Width (s) | PRI (s) | Detection |
| 1 | 14 | 17.1u | 382.0u | Yes |
| 2 | 15 | 14.9u | 487.0u | Yes |
| 3 | 14 | 18.1u | 485.0u | Yes |
| 4 | 13 | 16.9u | 279.0u | Yes |
| 5 | 14 | 12.1u | 470.0u | Yes |
| 6 | 15 | 17.7u | 286.0u | Yes |
| 7 | 14 | 15.2u | 388.0u | Yes |
| 8 | 15 | 14.5u | 335.0u | Yes |
| 9 | 13 | 18.8u | 270.0u | Yes |
| 10 | 15 | 13.5u | 433.0u | Yes |
| 11 | 16 | 19.4u | 365.0u | Yes |
| 12 | 14 | 18.4u | 405.0u | Yes |
| 13 | 13 | 17.6u | 460.0u | Yes |
| 14 | 14 | 11.7u | 292.0u | Yes |
| 15 | 14 | 11.3u | 390.0u | Yes |
| 16 | 13 | 11.1u | 413.0u | Yes |
| 17 | 14 | 13.9u | 426.0u | Yes |
| 18 | 12 | 13.5u | 392.0u | Yes |
| 19 | 14 | 12.2u | 235.0u | Yes |
| 20 | 16 | 15.6u | 496.0u | Yes |
| 21 | 15 | 11.4u | 247.0u | Yes |
| 22 | 15 | 18.4u | 281.0u | Yes |
| 23 | 15 | 15.7u | 470.0u | Yes |
| 24 | 15 | 12.2u | 289.0u | Yes |
| 25 | 13 | 13.4u | 353.0u | Yes |
| 26 | 15 | 18.2u | 418.0u | Yes |
| 27 | 13 | 12.9u | 469.0u | Yes |
| 28 | 15 | 16.9u | 443.0u | Yes |
| 29 | 13 | 11.9u | 293.0u | Yes |
| 30 | 16 | 14.5u | 350.0u | Yes |
| | | | Detection Rate: 100 % | |

| Type 5 Radar Statistical Performances | | |
|---------------------------------------|------------------|------------------------|
| Trial # | Test Signal Name | Detection |
| 1 | LP_Signal_01 | Yes |
| 2 | LP_Signal_02 | Yes |
| 3 | LP_Signal_03 | Yes |
| 4 | LP_Signal_04 | Yes |
| 5 | LP_Signal_05 | No |
| 6 | LP_Signal_06 | Yes |
| 7 | LP_Signal_07 | Yes |
| 8 | LP_Signal_08 | Yes |
| 9 | LP_Signal_09 | Yes |
| 10 | LP_Signal_10 | Yes |
| 11 | LP_Signal_11 | Yes |
| 12 | LP_Signal_12 | No |
| 13 | LP_Signal_13 | Yes |
| 14 | LP_Signal_14 | Yes |
| 15 | LP_Signal_15 | No |
| 16 | LP_Signal_16 | Yes |
| 17 | LP_Signal_17 | Yes |
| 18 | LP_Signal_18 | Yes |
| 19 | LP_Signal_19 | Yes |
| 20 | LP_Signal_20 | Yes |
| 21 | LP_Signal_21 | Yes |
| 22 | LP_Signal_22 | No |
| 23 | LP_Signal_23 | Yes |
| 24 | LP_Signal_24 | Yes |
| 25 | LP_Signal_25 | Yes |
| 26 | LP_Signal_26 | Yes |
| 27 | LP_Signal_27 | Yes |
| 28 | LP_Signal_28 | Yes |
| 29 | LP_Signal_29 | Yes |
| 30 | LP_Signal_30 | Yes |
| | | Detection Rate: 86.7 % |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_01 | | | | | | |
| Number of Bursts in Trial: 15 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 15M | 92.8u | 1.294m | - | 251.0m |
| 2 | 1 | 16M | 56.8u | - | - | 700.0m |
| 3 | 1 | 18M | 80.4u | - | - | 343.9m |
| 4 | 3 | 13M | 53.1u | 964.9u | 976.9u | 550.0m |
| 5 | 2 | 13M | 68.7u | 1.778m | - | 548.4m |
| 6 | 3 | 7M | 68.0u | 1.443m | 1.493m | 14.01m |
| 7 | 3 | 6M | 96.6u | 1.557m | 1.261m | 695.6m |
| 8 | 3 | 12M | 51.2u | 1.285m | 1.576m | 684.8m |
| 9 | 2 | 12M | 98.4u | 1.174m | - | 705.6m |
| 10 | 3 | 14M | 50.2u | 1.387m | 1.631m | 289.4m |
| 11 | 3 | 10M | 91.2u | 1.200m | 1.404m | 636.3m |
| 12 | 1 | 8M | 96.9u | - | - | 256.7m |
| 13 | 2 | 18M | 67.6u | 1.364m | - | 532.0m |
| 14 | 1 | 19M | 74.8u | - | - | 440.9m |
| 15 | 2 | 6M | 60.9u | 1.458m | - | 20.00m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_02 | | | | | | |
| Number of Bursts in Trial: 18 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 3 | 7M | 67.5u | 1.332m | 962.5u | 152.1m |
| 2 | 2 | 19M | 59.2u | 954.8u | - | 427.2m |
| 3 | 2 | 13M | 50.2u | 1.883m | - | 454.5m |
| 4 | 2 | 19M | 92.1u | 1.050m | - | 600.2m |
| 5 | 2 | 13M | 63.5u | 1.264m | - | 599.5m |
| 6 | 1 | 9M | 99.8u | - | - | 231.8m |
| 7 | 1 | 12M | 92.1u | - | - | 618.6m |
| 8 | 2 | 13M | 64.1u | 1.163m | - | 469.4m |
| 9 | 1 | 9M | 99.5u | - | - | 647.2m |
| 10 | 1 | 10M | 60.2u | - | - | 373.1m |
| 11 | 2 | 15M | 91.0u | 1.633m | - | 165.0m |
| 12 | 1 | 16M | 80.6u | - | - | 275.0m |
| 13 | 2 | 15M | 76.4u | 937.6u | - | 93.58m |
| 14 | 1 | 18M | 53.7u | - | - | 261.5m |
| 15 | 1 | 7M | 87.9u | - | - | 22.25m |
| 16 | 1 | 18M | 98.1u | - | - | 604.8m |
| 17 | 3 | 7M | 73.9u | 1.053m | 1.478m | 35.93m |
| 18 | 2 | 7M | 98.1u | 998.9u | - | 91.98m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_03 | | | | | | |
| Number of Bursts in Trial: 10 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 3 | 20M | 69.5u | 1.237m | 1.093m | 1.056 |
| 2 | 2 | 14M | 67.9u | 1.695m | - | 375.5m |
| 3 | 2 | 7M | 87.6u | 978.4u | - | 622.6m |
| 4 | 2 | 8M | 97.3u | 1.327m | - | 1.106 |
| 5 | 2 | 12M | 57.9u | 1.910m | - | 327.1m |
| 6 | 2 | 5M | 83.1u | 1.650m | - | 1.102 |
| 7 | 2 | 19M | 73.6u | 1.410m | - | 918.2m |
| 8 | 2 | 15M | 91.3u | 1.394m | - | 811.0m |
| 9 | 3 | 10M | 70.6u | 1.119m | 1.593m | 365.0m |
| 10 | 3 | 11M | 54.7u | 1.113m | 1.598m | 594.6m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_04 | | | | | | |
| Number of Bursts in Trial: 16 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 3 | 17M | 78.3u | 1.016m | 1.061m | 328.3m |
| 2 | 3 | 11M | 84.2u | 1.153m | 1.286m | 356.7m |
| 3 | 2 | 19M | 96.3u | 1.593m | - | 108.6m |
| 4 | 2 | 7M | 60.0u | 1.903m | - | 731.4m |
| 5 | 3 | 16M | 78.4u | 1.106m | 1.235m | 697.0m |
| 6 | 3 | 10M | 56.3u | 1.098m | 1.588m | 350.5m |
| 7 | 2 | 14M | 70.4u | 1.919m | - | 293.3m |
| 8 | 2 | 19M | 69.4u | 1.446m | - | 649.3m |
| 9 | 3 | 13M | 52.6u | 1.924m | 1.293m | 684.4m |
| 10 | 3 | 6M | 59.4u | 966.6u | 1.865m | 329.3m |
| 11 | 2 | 18M | 56.3u | 1.559m | - | 696.9m |
| 12 | 2 | 16M | 92.9u | 1.238m | - | 1.970m |
| 13 | 3 | 19M | 89.3u | 1.376m | 1.267m | 665.8m |
| 14 | 3 | 17M | 73.0u | 1.516m | 1.287m | 658.7m |
| 15 | 2 | 8M | 53.1u | 1.314m | - | 589.9m |
| 16 | 3 | 9M | 71.1u | 1.385m | 1.363m | 606.6m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_05 | | | | | | |
| Number of Bursts in Trial: 11 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 3 | 8M | 51.1u | 1.692m | 988.9u | 557.8m |
| 2 | 2 | 12M | 65.0u | 1.512m | - | 704.3m |
| 3 | 2 | 13M | 90.4u | 1.474m | - | 1.018 |
| 4 | 2 | 5M | 99.9u | 1.887m | - | 664.5m |
| 5 | 2 | 9M | 91.7u | 1.456m | - | 886.6m |
| 6 | 3 | 9M | 62.6u | 1.705m | 1.906m | 75.44m |
| 7 | 2 | 16M | 87.8u | 1.625m | - | 469.4m |
| 8 | 2 | 18M | 69.4u | 1.118m | - | 626.2m |
| 9 | 1 | 8M | 82.2u | - | - | 855.9m |
| 10 | 3 | 19M | 89.1u | 1.333m | 1.381m | 413.6m |
| 11 | 1 | 19M | 73.6u | - | - | 594.4m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_06 | | | | | | |
| Number of Bursts in Trial: 15 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 1 | 11M | 82.4u | - | - | 519.0m |
| 2 | 2 | 16M | 50.9u | 1.157m | - | 464.4m |
| 3 | 2 | 17M | 96.0u | 1.400m | - | 577.8m |
| 4 | 2 | 19M | 52.2u | 1.806m | - | 546.3m |
| 5 | 2 | 19M | 68.4u | 1.407m | - | 590.5m |
| 6 | 3 | 13M | 95.6u | 1.561m | 1.723m | 527.6m |
| 7 | 3 | 18M | 83.3u | 1.268m | 1.253m | 720.7m |
| 8 | 2 | 17M | 62.9u | 1.379m | - | 409.2m |
| 9 | 2 | 12M | 54.2u | 1.501m | - | 375.8m |
| 10 | 2 | 10M | 91.0u | 1.509m | - | 545.5m |
| 11 | 1 | 9M | 60.0u | - | - | 523.5m |
| 12 | 2 | 11M | 75.7u | 1.383m | - | 364.0m |
| 13 | 2 | 13M | 62.4u | 1.020m | - | 423.0m |
| 14 | 3 | 12M | 93.9u | 1.696m | 1.063m | 132.7m |
| 15 | 3 | 18M | 63.2u | 1.328m | 1.725m | 607.6m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_07 | | | | | | |
| Number of Bursts in Trial: 10 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 10M | 50.5u | 1.526m | - | 99.77m |
| 2 | 3 | 13M | 95.4u | 1.701m | 1.194m | 1.058 |
| 3 | 2 | 7M | 66.8u | 1.794m | - | 971.4m |
| 4 | 3 | 14M | 78.4u | 1.261m | 1.808m | 295.5m |
| 5 | 2 | 7M | 78.0u | 1.018m | - | 379.2m |
| 6 | 1 | 15M | 61.8u | - | - | 116.2m |
| 7 | 2 | 17M | 57.3u | 1.011m | - | 96.31m |
| 8 | 2 | 6M | 68.9u | 1.075m | - | 214.5m |
| 9 | 1 | 17M | 82.8u | - | - | 621.5m |
| 10 | 2 | 13M | 70.7u | 1.454m | - | 557.3m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_08 | | | | | | |
| Number of Bursts in Trial: 13 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 9M | 73.6u | 1.794m | - | 7.224m |
| 2 | 1 | 14M | 66.9u | - | - | 869.6m |
| 3 | 3 | 12M | 69.0u | 1.347m | 1.728m | 39.73m |
| 4 | 2 | 9M | 87.9u | 1.357m | - | 825.2m |
| 5 | 3 | 12M | 76.7u | 1.511m | 1.140m | 651.9m |
| 6 | 3 | 10M | 69.2u | 1.636m | 1.657m | 202.8m |
| 7 | 2 | 10M | 74.0u | 1.898m | - | 827.1m |
| 8 | 2 | 9M | 51.7u | 1.653m | - | 350.2m |
| 9 | 3 | 18M | 86.6u | 1.432m | 1.899m | 11.48m |
| 10 | 1 | 15M | 63.3u | - | - | 415.3m |
| 11 | 1 | 15M | 82.3u | - | - | 316.9m |
| 12 | 2 | 16M | 52.1u | 1.179m | - | 9.282m |
| 13 | 3 | 6M | 53.3u | 1.255m | 1.253m | 53.42m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_09 | | | | | | |
| Number of Bursts in Trial: 15 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 9M | 53.3u | 1.254m | - | 108.5m |
| 2 | 2 | 7M | 73.7u | 1.621m | - | 772.4m |
| 3 | 2 | 9M | 60.1u | 1.326m | - | 103.2m |
| 4 | 2 | 17M | 81.2u | 1.318m | - | 164.9m |
| 5 | 2 | 15M | 89.9u | 1.725m | - | 508.5m |
| 6 | 3 | 7M | 79.5u | 943.5u | 1.810m | 345.4m |
| 7 | 1 | 7M | 90.2u | - | - | 455.0m |
| 8 | 2 | 5M | 72.1u | 1.357m | - | 337.1m |
| 9 | 3 | 15M | 70.1u | 1.241m | 1.044m | 648.7m |
| 10 | 3 | 5M | 67.3u | 1.584m | 1.011m | 242.0m |
| 11 | 2 | 14M | 50.8u | 1.891m | - | 14.20m |
| 12 | 3 | 12M | 90.5u | 1.758m | 1.659m | 783.0m |
| 13 | 3 | 15M | 53.3u | 1.304m | 1.601m | 743.5m |
| 14 | 2 | 16M | 73.2u | 1.852m | - | 357.4m |
| 15 | 2 | 10M | 58.1u | 1.521m | - | 647.2m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_10 | | | | | | |
| Number of Bursts in Trial: 11 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 19M | 76.0u | 1.507m | - | 589.7m |
| 2 | 1 | 8M | 84.3u | - | - | 715.6m |
| 3 | 1 | 7M | 54.3u | - | - | 2.159m |
| 4 | 3 | 9M | 69.8u | 1.067m | 1.812m | 241.6m |
| 5 | 2 | 9M | 99.7u | 1.548m | - | 335.2m |
| 6 | 2 | 6M | 62.1u | 1.420m | - | 836.2m |
| 7 | 1 | 15M | 50.4u | - | - | 882.8m |
| 8 | 2 | 6M | 61.3u | 1.209m | - | 992.9m |
| 9 | 1 | 20M | 93.9u | - | - | 768.1m |
| 10 | 1 | 16M | 83.5u | - | - | 121.7m |
| 11 | 3 | 19M | 59.3u | 1.680m | 1.396m | 998.8m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_11 | | | | | | |
| Number of Bursts in Trial: 9 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 3 | 11M | 98.0u | 1.554m | 1.836m | 543.0m |
| 2 | 1 | 5M | 82.4u | - | - | 601.4m |
| 3 | 3 | 16M | 99.2u | 1.126m | 1.753m | 706.3m |
| 4 | 2 | 7M | 64.1u | 1.277m | - | 195.5m |
| 5 | 2 | 5M | 76.7u | 1.666m | - | 310.1m |
| 6 | 1 | 8M | 78.1u | - | - | 1.183 |
| 7 | 2 | 11M | 89.2u | 1.336m | - | 1.253 |
| 8 | 2 | 14M | 96.3u | 1.507m | - | 1.204 |
| 9 | 3 | 7M | 77.1u | 1.759m | 1.069m | 1.061 |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_12 | | | | | | |
| Number of Bursts in Trial: 14 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 1 | 12M | 74.2u | - | - | 579.8m |
| 2 | 2 | 15M | 59.4u | 1.612m | - | 36.65m |
| 3 | 2 | 12M | 59.2u | 1.315m | - | 42.95m |
| 4 | 3 | 19M | 52.0u | 1.314m | 1.461m | 309.4m |
| 5 | 2 | 15M | 54.1u | 1.679m | - | 154.9m |
| 6 | 3 | 6M | 81.4u | 1.473m | 1.473m | 83.60m |
| 7 | 1 | 19M | 86.7u | - | - | 320.4m |
| 8 | 2 | 16M | 86.5u | 947.5u | - | 764.8m |
| 9 | 1 | 19M | 57.5u | - | - | 17.03m |
| 10 | 2 | 12M | 82.3u | 1.091m | - | 34.90m |
| 11 | 3 | 7M | 64.8u | 1.857m | 1.536m | 849.1m |
| 12 | 2 | 10M | 74.0u | 1.115m | - | 90.79m |
| 13 | 3 | 13M | 71.5u | 1.806m | 1.685m | 479.0m |
| 14 | 2 | 15M | 55.7u | 1.068m | - | 752.2m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_13 | | | | | | |
| Number of Bursts in Trial: 19 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 1 | 7M | 57.2u | - | - | 249.4m |
| 2 | 2 | 14M | 58.4u | 1.130m | - | 404.4m |
| 3 | 3 | 6M | 77.5u | 1.002m | 1.780m | 103.5m |
| 4 | 1 | 18M | 62.6u | - | - | 209.4m |
| 5 | 2 | 15M | 56.2u | 1.446m | - | 7.762m |
| 6 | 3 | 11M | 97.9u | 1.751m | 903.1u | 625.3m |
| 7 | 3 | 13M | 94.6u | 1.242m | 1.752m | 71.86m |
| 8 | 3 | 14M | 89.9u | 953.1u | 1.699m | 487.9m |
| 9 | 3 | 16M | 88.9u | 1.410m | 1.528m | 219.2m |
| 10 | 3 | 10M | 61.7u | 1.082m | 1.914m | 205.3m |
| 11 | 1 | 12M | 53.1u | - | - | 357.6m |
| 12 | 1 | 14M | 91.4u | - | - | 222.9m |
| 13 | 2 | 13M | 73.1u | 1.039m | - | 527.9m |
| 14 | 3 | 6M | 52.3u | 1.604m | 1.419m | 368.4m |
| 15 | 2 | 18M | 60.5u | 1.287m | - | 277.7m |
| 16 | 2 | 12M | 85.0u | 1.402m | - | 236.3m |
| 17 | 2 | 5M | 99.1u | 1.898m | - | 472.6m |
| 18 | 1 | 11M | 63.9u | - | - | 49.89m |
| 19 | 2 | 11M | 90.4u | 1.728m | - | 597.8m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_14 | | | | | | |
| Number of Bursts in Trial: 8 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 1 | 14M | 97.3u | - | - | 127.6m |
| 2 | 2 | 11M | 78.4u | 1.612m | - | 867.6m |
| 3 | 1 | 17M | 92.4u | - | - | 1.041 |
| 4 | 1 | 17M | 59.7u | - | - | 138.9m |
| 5 | 2 | 8M | 68.8u | 1.244m | - | 423.4m |
| 6 | 2 | 7M | 90.8u | 1.162m | - | 510.7m |
| 7 | 3 | 13M | 74.4u | 1.586m | 1.017m | 175.1m |
| 8 | 1 | 13M | 55.6u | - | - | 554.7m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_15 | | | | | | |
| Number of Bursts in Trial: 9 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 3 | 7M | 54.8u | 1.939m | 1.648m | 862.0m |
| 2 | 3 | 17M | 69.8u | 1.790m | 945.2u | 375.8m |
| 3 | 1 | 20M | 56.0u | - | - | 375.4m |
| 4 | 2 | 6M | 60.9u | 1.836m | - | 646.3m |
| 5 | 1 | 7M | 93.3u | - | - | 987.0m |
| 6 | 3 | 16M | 58.4u | 962.6u | 1.498m | 1.138 |
| 7 | 1 | 10M | 70.9u | - | - | 1.058 |
| 8 | 1 | 11M | 95.9u | - | - | 570.1m |
| 9 | 1 | 17M | 85.8u | - | - | 637.3m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_16 | | | | | | |
| Number of Bursts in Trial: 8 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 3 | 8M | 64.4u | 1.372m | 1.253m | 849.2m |
| 2 | 2 | 6M | 77.2u | 1.749m | - | 307.3m |
| 3 | 3 | 15M | 96.4u | 1.564m | 1.396m | 95.13m |
| 4 | 3 | 14M | 96.8u | 924.2u | 1.639m | 332.5m |
| 5 | 1 | 16M | 95.8u | - | - | 161.3m |
| 6 | 1 | 15M | 88.8u | - | - | 683.0m |
| 7 | 2 | 20M | 80.3u | 1.538m | - | 861.2m |
| 8 | 2 | 8M | 72.5u | 1.721m | - | 564.4m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_17 | | | | | | |
| Number of Bursts in Trial: 9 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 3 | 19M | 66.0u | 1.769m | 1.190m | 377.1m |
| 2 | 2 | 6M | 70.4u | 1.125m | - | 184.2m |
| 3 | 2 | 6M | 58.5u | 1.110m | - | 1.160 |
| 4 | 2 | 9M | 63.0u | 1.323m | - | 1.285 |
| 5 | 2 | 6M | 55.7u | 1.251m | - | 164.9m |
| 6 | 3 | 10M | 74.2u | 1.866m | 1.073m | 1.056 |
| 7 | 1 | 17M | 87.3u | - | - | 237.0m |
| 8 | 1 | 15M | 58.0u | - | - | 221.2m |
| 9 | 2 | 10M | 55.7u | 1.841m | - | 537.9m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_18 | | | | | | |
| Number of Bursts in Trial: 14 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 9M | 63.7u | 1.846m | - | 611.4m |
| 2 | 3 | 19M | 55.1u | 1.074m | 1.238m | 687.4m |
| 3 | 1 | 12M | 53.1u | - | - | 69.91m |
| 4 | 2 | 16M | 98.1u | 917.9u | - | 651.8m |
| 5 | 2 | 18M | 69.4u | 1.851m | - | 140.3m |
| 6 | 1 | 9M | 58.5u | - | - | 352.8m |
| 7 | 1 | 18M | 74.5u | - | - | 240.5m |
| 8 | 2 | 6M | 58.4u | 1.246m | - | 517.6m |
| 9 | 2 | 6M | 62.6u | 1.797m | - | 416.1m |
| 10 | 2 | 19M | 51.8u | 1.657m | - | 568.3m |
| 11 | 1 | 5M | 62.4u | - | - | 774.4m |
| 12 | 1 | 7M | 53.8u | - | - | 586.9m |
| 13 | 2 | 14M | 70.5u | 1.120m | - | 772.8m |
| 14 | 2 | 18M | 99.1u | 976.9u | - | 110.4m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_19 | | | | | | |
| Number of Bursts in Trial: 15 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 1 | 18M | 54.6u | - | - | 393.5m |
| 2 | 1 | 18M | 57.4u | - | - | 750.0m |
| 3 | 1 | 6M | 94.3u | - | - | 4.951m |
| 4 | 2 | 16M | 93.4u | 1.849m | - | 164.8m |
| 5 | 2 | 18M | 52.0u | 1.636m | - | 252.8m |
| 6 | 2 | 20M | 72.2u | 1.253m | - | 764.1m |
| 7 | 1 | 19M | 98.6u | - | - | 22.76m |
| 8 | 3 | 14M | 61.3u | 1.869m | 1.143m | 593.1m |
| 9 | 1 | 10M | 79.8u | - | - | 778.1m |
| 10 | 3 | 7M | 69.7u | 1.535m | 1.549m | 615.7m |
| 11 | 1 | 17M | 54.2u | - | - | 586.1m |
| 12 | 2 | 11M | 83.2u | 1.058m | - | 420.8m |
| 13 | 2 | 19M | 77.3u | 972.7u | - | 599.2m |
| 14 | 2 | 9M | 77.2u | 1.501m | - | 255.0m |
| 15 | 2 | 10M | 95.5u | 1.328m | - | 174.2m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_20 | | | | | | |
| Number of Bursts in Trial: 14 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 7M | 96.0u | 1.021m | - | 41.76m |
| 2 | 2 | 11M | 58.2u | 1.324m | - | 724.0m |
| 3 | 2 | 8M | 80.4u | 1.017m | - | 276.8m |
| 4 | 3 | 18M | 56.9u | 1.553m | 1.772m | 261.8m |
| 5 | 2 | 12M | 90.6u | 1.558m | - | 246.0m |
| 6 | 3 | 18M | 84.5u | 1.793m | 1.169m | 465.1m |
| 7 | 2 | 8M | 76.5u | 1.232m | - | 481.2m |
| 8 | 1 | 6M | 73.8u | - | - | 41.67m |
| 9 | 1 | 8M | 55.2u | - | - | 377.0m |
| 10 | 2 | 13M | 59.5u | 1.352m | - | 603.6m |
| 11 | 3 | 6M | 81.7u | 1.305m | 1.360m | 824.0m |
| 12 | 3 | 16M | 61.6u | 1.667m | 1.685m | 49.89m |
| 13 | 1 | 11M | 77.4u | - | - | 670.2m |
| 14 | 2 | 9M | 63.7u | 1.847m | - | 502.2m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_21 | | | | | | |
| Number of Bursts in Trial: 10 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 10M | 59.5u | 1.700m | - | 682.7m |
| 2 | 1 | 20M | 87.9u | - | - | 522.4m |
| 3 | 1 | 10M | 64.6u | - | - | 1.187 |
| 4 | 1 | 18M | 68.5u | - | - | 603.9m |
| 5 | 2 | 17M | 66.3u | 1.833m | - | 26.26m |
| 6 | 1 | 19M | 77.3u | - | - | 910.8m |
| 7 | 1 | 9M | 57.8u | - | - | 1.152 |
| 8 | 1 | 10M | 85.8u | - | - | 62.31m |
| 9 | 2 | 11M | 82.9u | 1.721m | - | 859.7m |
| 10 | 1 | 9M | 94.0u | - | - | 784.0m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_22 | | | | | | |
| Number of Bursts in Trial: 9 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 1 | 5M | 93.7u | - | - | 588.2m |
| 2 | 1 | 17M | 86.5u | - | - | 640.2m |
| 3 | 3 | 18M | 93.4u | 1.715m | 1.027m | 585.2m |
| 4 | 2 | 15M | 84.6u | 1.786m | - | 658.5m |
| 5 | 1 | 12M | 53.2u | - | - | 1.157 |
| 6 | 2 | 7M | 62.9u | 1.065m | - | 1.110 |
| 7 | 2 | 13M | 72.2u | 1.575m | - | 1.069 |
| 8 | 2 | 13M | 81.5u | 1.288m | - | 1.113 |
| 9 | 3 | 18M | 63.6u | 1.123m | 1.648m | 41.77m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_23 | | | | | | |
| Number of Bursts in Trial: 17 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 7M | 98.1u | 1.786m | - | 580.8m |
| 2 | 1 | 16M | 53.9u | - | - | 132.8m |
| 3 | 3 | 10M | 89.6u | 1.344m | 1.181m | 643.3m |
| 4 | 2 | 11M | 60.7u | 1.021m | - | 506.6m |
| 5 | 2 | 20M | 51.0u | 1.913m | - | 628.0m |
| 6 | 2 | 18M | 68.9u | 992.1u | - | 13.05m |
| 7 | 3 | 16M | 59.8u | 1.138m | 1.921m | 198.4m |
| 8 | 2 | 16M | 90.8u | 1.892m | - | 348.8m |
| 9 | 3 | 9M | 61.1u | 1.145m | 1.777m | 149.0m |
| 10 | 2 | 12M | 87.3u | 1.517m | - | 491.8m |
| 11 | 2 | 13M | 88.7u | 1.736m | - | 186.9m |
| 12 | 2 | 19M | 96.4u | 1.526m | - | 623.2m |
| 13 | 3 | 12M | 67.6u | 1.065m | 1.865m | 236.5m |
| 14 | 3 | 19M | 73.2u | 1.736m | 1.093m | 349.4m |
| 15 | 1 | 9M | 60.9u | - | - | 679.1m |
| 16 | 1 | 9M | 59.2u | - | - | 369.2m |
| 17 | 2 | 15M | 59.5u | 1.180m | - | 58.25m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_24 | | | | | | |
| Number of Bursts in Trial: 15 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 3 | 12M | 64.0u | 995.0u | 1.299m | 680.7m |
| 2 | 2 | 9M | 89.5u | 1.192m | - | 174.7m |
| 3 | 1 | 14M | 57.5u | - | - | 687.8m |
| 4 | 2 | 18M | 64.0u | 1.440m | - | 631.1m |
| 5 | 1 | 16M | 97.0u | - | - | 480.6m |
| 6 | 1 | 10M | 52.4u | - | - | 459.1m |
| 7 | 3 | 16M | 86.9u | 1.267m | 1.205m | 160.6m |
| 8 | 1 | 14M | 96.2u | - | - | 674.6m |
| 9 | 3 | 17M | 95.9u | 1.444m | 1.191m | 512.5m |
| 10 | 2 | 10M | 59.1u | 1.416m | - | 357.5m |
| 11 | 3 | 19M | 70.5u | 1.545m | 1.193m | 388.3m |
| 12 | 1 | 9M | 75.2u | - | - | 106.7m |
| 13 | 1 | 11M | 75.0u | - | - | 543.1m |
| 14 | 2 | 10M | 85.3u | 1.777m | - | 348.5m |
| 15 | 2 | 6M | 96.9u | 1.345m | - | 521.2m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_25 | | | | | | |
| Number of Bursts in Trial: 16 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 3 | 15M | 88.4u | 1.518m | 942.6u | 523.7m |
| 2 | 1 | 14M | 61.6u | - | - | 329.1m |
| 3 | 2 | 17M | 73.1u | 1.560m | - | 100.7m |
| 4 | 2 | 18M | 73.1u | 1.200m | - | 184.8m |
| 5 | 2 | 18M | 85.7u | 1.903m | - | 137.5m |
| 6 | 2 | 12M | 92.5u | 1.905m | - | 138.7m |
| 7 | 3 | 14M | 83.5u | 1.125m | 1.582m | 216.1m |
| 8 | 3 | 19M | 95.2u | 1.579m | 1.546m | 129.8m |
| 9 | 2 | 15M | 65.1u | 1.398m | - | 680.5m |
| 10 | 1 | 10M | 99.3u | - | - | 63.07m |
| 11 | 1 | 15M | 55.5u | - | - | 306.9m |
| 12 | 1 | 12M | 65.9u | - | - | 292.4m |
| 13 | 1 | 19M | 53.0u | - | - | 416.8m |
| 14 | 3 | 7M | 87.9u | 1.687m | 1.147m | 489.5m |
| 15 | 1 | 5M | 79.0u | - | - | 651.5m |
| 16 | 2 | 19M | 57.2u | 1.675m | - | 500.9m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_26 | | | | | | |
| Number of Bursts in Trial: 20 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 10M | 82.6u | 1.433m | - | 346.4m |
| 2 | 2 | 17M | 92.4u | 1.477m | - | 205.8m |
| 3 | 2 | 20M | 60.2u | 1.818m | - | 9.147m |
| 4 | 2 | 6M | 82.5u | 1.615m | - | 123.5m |
| 5 | 2 | 9M | 90.4u | 1.550m | - | 100.0m |
| 6 | 2 | 16M | 91.0u | 1.611m | - | 520.9m |
| 7 | 1 | 13M | 53.2u | - | - | 538.6m |
| 8 | 3 | 9M | 61.5u | 1.556m | 939.5u | 435.3m |
| 9 | 2 | 11M | 58.9u | 1.404m | - | 13.34m |
| 10 | 2 | 6M | 58.2u | 1.027m | - | 19.23m |
| 11 | 3 | 16M | 88.5u | 1.495m | 913.5u | 486.4m |
| 12 | 1 | 19M | 87.4u | - | - | 301.3m |
| 13 | 2 | 18M | 70.2u | 955.8u | - | 209.4m |
| 14 | 3 | 7M | 79.0u | 1.393m | 1.572m | 146.5m |
| 15 | 2 | 19M | 70.8u | 1.558m | - | 21.17m |
| 16 | 1 | 17M | 77.9u | - | - | 494.4m |
| 17 | 3 | 7M | 55.7u | 1.088m | 1.451m | 551.1m |
| 18 | 1 | 15M | 76.0u | - | - | 52.66m |
| 19 | 3 | 15M | 91.2u | 1.562m | 1.114m | 469.0m |
| 20 | 3 | 12M | 93.0u | 1.681m | 1.541m | 294.9m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_27 | | | | | | |
| Number of Bursts in Trial: 18 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 10M | 52.8u | 1.090m | - | 99.28m |
| 2 | 3 | 7M | 70.2u | 1.623m | 1.564m | 94.48m |
| 3 | 3 | 12M | 83.4u | 1.206m | 1.240m | 221.9m |
| 4 | 2 | 15M | 95.8u | 1.423m | - | 29.50m |
| 5 | 2 | 10M | 51.2u | 1.259m | - | 625.3m |
| 6 | 2 | 5M | 99.3u | 1.553m | - | 231.7m |
| 7 | 3 | 7M | 76.5u | 1.388m | 1.781m | 329.8m |
| 8 | 3 | 18M | 68.0u | 1.206m | 1.628m | 252.9m |
| 9 | 2 | 18M | 76.6u | 1.718m | - | 466.7m |
| 10 | 1 | 15M | 96.6u | - | - | 154.6m |
| 11 | 3 | 12M | 68.0u | 1.490m | 1.708m | 61.80m |
| 12 | 1 | 19M | 66.1u | - | - | 426.6m |
| 13 | 3 | 18M | 78.1u | 1.399m | 1.608m | 312.2m |
| 14 | 2 | 6M | 80.4u | 1.043m | - | 267.7m |
| 15 | 2 | 14M | 82.1u | 1.731m | - | 653.8m |
| 16 | 3 | 15M | 76.3u | 1.680m | 1.488m | 368.1m |
| 17 | 3 | 18M | 99.3u | 1.899m | 1.875m | 11.94m |
| 18 | 3 | 19M | 92.4u | 1.498m | 964.6u | 114.6m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_28 | | | | | | |
| Number of Bursts in Trial: 9 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 3 | 19M | 76.9u | 1.871m | 1.398m | 392.9m |
| 2 | 3 | 19M | 53.2u | 1.668m | 1.506m | 783.1m |
| 3 | 1 | 15M | 53.4u | - | - | 883.4m |
| 4 | 2 | 6M | 82.4u | 1.175m | - | 258.1m |
| 5 | 2 | 19M | 90.5u | 998.5u | - | 1.239 |
| 6 | 1 | 7M | 98.6u | - | - | 1.312 |
| 7 | 3 | 16M | 64.3u | 1.311m | 1.145m | 584.3m |
| 8 | 3 | 14M | 60.0u | 1.802m | 1.481m | 585.0m |
| 9 | 3 | 10M | 59.7u | 1.343m | 1.820m | 326.1m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_29 | | | | | | |
| Number of Bursts in Trial: 20 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 3 | 17M | 60.7u | 1.046m | 1.912m | 35.94m |
| 2 | 2 | 6M | 70.4u | 1.501m | - | 86.04m |
| 3 | 2 | 14M | 98.6u | 1.715m | - | 499.7m |
| 4 | 2 | 9M | 70.7u | 1.177m | - | 417.7m |
| 5 | 3 | 16M | 57.6u | 1.764m | 1.788m | 84.86m |
| 6 | 1 | 16M | 52.4u | - | - | 558.2m |
| 7 | 1 | 8M | 62.2u | - | - | 545.3m |
| 8 | 2 | 18M | 73.5u | 1.359m | - | 181.2m |
| 9 | 2 | 6M | 68.1u | 1.496m | - | 143.4m |
| 10 | 1 | 6M | 66.8u | - | - | 472.6m |
| 11 | 2 | 10M | 59.5u | 942.5u | - | 142.8m |
| 12 | 2 | 19M | 98.5u | 1.110m | - | 226.9m |
| 13 | 3 | 14M | 57.7u | 1.318m | 1.590m | 567.9m |
| 14 | 3 | 9M | 88.1u | 1.845m | 1.266m | 127.6m |
| 15 | 2 | 19M | 76.8u | 1.807m | - | 223.3m |
| 16 | 2 | 16M | 67.2u | 1.885m | - | 513.0m |
| 17 | 3 | 16M | 90.4u | 1.797m | 1.649m | 41.12m |
| 18 | 2 | 12M | 82.0u | 1.854m | - | 129.1m |
| 19 | 2 | 12M | 65.0u | 953.0u | - | 38.20m |
| 20 | 1 | 13M | 85.3u | - | - | 213.5m |

| Long Pulse Radar Test Signal | | | | | | |
|--------------------------------|------------------|------------|-----------------|--------------------------|--------------------------|--------------------|
| Test Signal Name: LP_Signal_30 | | | | | | |
| Number of Bursts in Trial: 11 | | | | | | |
| Burst | Pulses per Burst | Chrip (Hz) | Pulse Width (s) | Pulse 1 to 2 Spacing (s) | Pulse 2 to 3 Spacing (s) | Start Location (s) |
| 1 | 2 | 9M | 78.2u | 1.152m | - | 951.2m |
| 2 | 1 | 9M | 97.7u | - | - | 80.05m |
| 3 | 3 | 19M | 90.0u | 1.818m | 1.520m | 250.8m |
| 4 | 1 | 12M | 80.0u | - | - | 585.1m |
| 5 | 2 | 14M | 83.4u | 1.678m | - | 869.6m |
| 6 | 1 | 20M | 51.7u | - | - | 1.058 |
| 7 | 3 | 16M | 90.6u | 910.4u | 1.183m | 120.4m |
| 8 | 3 | 7M | 59.8u | 1.832m | 1.178m | 740.5m |
| 9 | 2 | 6M | 80.1u | 1.487m | - | 479.7m |
| 10 | 1 | 17M | 85.5u | - | - | 266.8m |
| 11 | 1 | 7M | 67.4u | - | - | 228.9m |

| Type 6 Radar Statistical Performances | | | | |
|---------------------------------------|------------------|-----------------|------------------------|-----------|
| Trial # | Pulses per Burst | Pulse Width (s) | PRI (s) | Detection |
| 1 | 9 | 1.0u | 333.0u | Yes |
| 2 | 9 | 1.0u | 333.0u | Yes |
| 3 | 9 | 1.0u | 333.0u | Yes |
| 4 | 9 | 1.0u | 333.0u | Yes |
| 5 | 9 | 1.0u | 333.0u | Yes |
| 6 | 9 | 1.0u | 333.0u | Yes |
| 7 | 9 | 1.0u | 333.0u | Yes |
| 8 | 9 | 1.0u | 333.0u | Yes |
| 9 | 9 | 1.0u | 333.0u | Yes |
| 10 | 9 | 1.0u | 333.0u | Yes |
| 11 | 9 | 1.0u | 333.0u | Yes |
| 12 | 9 | 1.0u | 333.0u | Yes |
| 13 | 9 | 1.0u | 333.0u | Yes |
| 14 | 9 | 1.0u | 333.0u | Yes |
| 15 | 9 | 1.0u | 333.0u | Yes |
| 16 | 9 | 1.0u | 333.0u | Yes |
| 17 | 9 | 1.0u | 333.0u | Yes |
| 18 | 9 | 1.0u | 333.0u | No |
| 19 | 9 | 1.0u | 333.0u | Yes |
| 20 | 9 | 1.0u | 333.0u | Yes |
| 21 | 9 | 1.0u | 333.0u | Yes |
| 22 | 9 | 1.0u | 333.0u | Yes |
| 23 | 9 | 1.0u | 333.0u | Yes |
| 24 | 9 | 1.0u | 333.0u | Yes |
| 25 | 9 | 1.0u | 333.0u | Yes |
| 26 | 9 | 1.0u | 333.0u | Yes |
| 27 | 9 | 1.0u | 333.0u | Yes |
| 28 | 9 | 1.0u | 333.0u | Yes |
| 29 | 9 | 1.0u | 333.0u | Yes |
| 30 | 9 | 1.0u | 333.0u | Yes |
| | | | Detection Rate: 96.7 % | |

| Type 6 Radar Statistical Performances | | |
|---------------------------------------|---------------------------------|------------------------|
| Trial # | Hopping Frequency Sequence Name | Detection |
| 1 | HOP_FREQ_SEQ_01 | Yes |
| 2 | HOP_FREQ_SEQ_02 | Yes |
| 3 | HOP_FREQ_SEQ_03 | Yes |
| 4 | HOP_FREQ_SEQ_04 | Yes |
| 5 | HOP_FREQ_SEQ_05 | Yes |
| 6 | HOP_FREQ_SEQ_06 | Yes |
| 7 | HOP_FREQ_SEQ_07 | Yes |
| 8 | HOP_FREQ_SEQ_08 | Yes |
| 9 | HOP_FREQ_SEQ_09 | Yes |
| 10 | HOP_FREQ_SEQ_10 | Yes |
| 11 | HOP_FREQ_SEQ_11 | Yes |
| 12 | HOP_FREQ_SEQ_12 | Yes |
| 13 | HOP_FREQ_SEQ_13 | Yes |
| 14 | HOP_FREQ_SEQ_14 | Yes |
| 15 | HOP_FREQ_SEQ_15 | Yes |
| 16 | HOP_FREQ_SEQ_16 | Yes |
| 17 | HOP_FREQ_SEQ_17 | Yes |
| 18 | HOP_FREQ_SEQ_18 | No |
| 19 | HOP_FREQ_SEQ_19 | Yes |
| 20 | HOP_FREQ_SEQ_20 | Yes |
| 21 | HOP_FREQ_SEQ_21 | Yes |
| 22 | HOP_FREQ_SEQ_22 | Yes |
| 23 | HOP_FREQ_SEQ_23 | Yes |
| 24 | HOP_FREQ_SEQ_24 | Yes |
| 25 | HOP_FREQ_SEQ_25 | Yes |
| 26 | HOP_FREQ_SEQ_26 | Yes |
| 27 | HOP_FREQ_SEQ_27 | Yes |
| 28 | HOP_FREQ_SEQ_28 | Yes |
| 29 | HOP_FREQ_SEQ_29 | Yes |
| 30 | HOP_FREQ_SEQ_30 | Yes |
| | | Detection Rate: 96.7 % |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.340G | 2 | 5.423G | 3 | 5.455G | 4 | 5.717G |
| 5 | 5.574G | 6 | 5.664G | 7 | 5.384G | 8 | 5.339G |
| 9 | 5.605G | 10 | 5.470G | 11 | 5.671G | 12 | 5.475G |
| 13 | 5.447G | 14 | 5.259G | 15 | 5.701G | 16 | 5.467G |
| 17 | 5.528G | 18 | 5.285G | 19 | 5.250G | 20 | 5.270G |
| 21 | 5.582G | 22 | 5.477G | 23 | 5.563G | 24 | 5.648G |
| 25 | 5.427G | 26 | 5.608G | 27 | 5.500G | 28 | 5.368G |
| 29 | 5.628G | 30 | 5.685G | 31 | 5.289G | 32 | 5.702G |
| 33 | 5.370G | 34 | 5.682G | 35 | 5.312G | 36 | 5.710G |
| 37 | 5.351G | 38 | 5.624G | 39 | 5.486G | 40 | 5.562G |
| 41 | 5.615G | 42 | 5.534G | 43 | 5.520G | 44 | 5.371G |
| 45 | 5.619G | 46 | 5.386G | 47 | 5.336G | 48 | 5.323G |
| 49 | 5.364G | 50 | 5.597G | 51 | 5.481G | 52 | 5.411G |
| 53 | 5.507G | 54 | 5.262G | 55 | 5.258G | 56 | 5.492G |
| 57 | 5.568G | 58 | 5.330G | 59 | 5.518G | 60 | 5.476G |
| 61 | 5.377G | 62 | 5.555G | 63 | 5.268G | 64 | 5.362G |
| 65 | 5.409G | 66 | 5.551G | 67 | 5.322G | 68 | 5.366G |
| 69 | 5.677G | 70 | 5.369G | 71 | 5.313G | 72 | 5.708G |
| 73 | 5.531G | 74 | 5.665G | 75 | 5.559G | 76 | 5.324G |
| 77 | 5.644G | 78 | 5.463G | 79 | 5.660G | 80 | 5.349G |
| 81 | 5.564G | 82 | 5.472G | 83 | 5.657G | 84 | 5.479G |
| 85 | 5.478G | 86 | 5.549G | 87 | 5.440G | 88 | 5.594G |
| 89 | 5.293G | 90 | 5.290G | 91 | 5.598G | 92 | 5.515G |
| 93 | 5.536G | 94 | 5.294G | 95 | 5.537G | 96 | 5.499G |
| 97 | 5.645G | 98 | 5.722G | 99 | 5.684G | 100 | 5.542G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.495G | 2 | 5.397G | 3 | 5.571G | 4 | 5.368G |
| 5 | 5.478G | 6 | 5.391G | 7 | 5.608G | 8 | 5.653G |
| 9 | 5.465G | 10 | 5.607G | 11 | 5.715G | 12 | 5.538G |
| 13 | 5.502G | 14 | 5.386G | 15 | 5.612G | 16 | 5.458G |
| 17 | 5.633G | 18 | 5.381G | 19 | 5.487G | 20 | 5.298G |
| 21 | 5.280G | 22 | 5.615G | 23 | 5.320G | 24 | 5.703G |
| 25 | 5.610G | 26 | 5.529G | 27 | 5.349G | 28 | 5.375G |
| 29 | 5.420G | 30 | 5.548G | 31 | 5.490G | 32 | 5.351G |
| 33 | 5.464G | 34 | 5.347G | 35 | 5.530G | 36 | 5.262G |
| 37 | 5.656G | 38 | 5.555G | 39 | 5.696G | 40 | 5.309G |
| 41 | 5.281G | 42 | 5.461G | 43 | 5.594G | 44 | 5.387G |
| 45 | 5.668G | 46 | 5.687G | 47 | 5.250G | 48 | 5.527G |
| 49 | 5.632G | 50 | 5.643G | 51 | 5.479G | 52 | 5.466G |
| 53 | 5.669G | 54 | 5.630G | 55 | 5.509G | 56 | 5.359G |
| 57 | 5.546G | 58 | 5.526G | 59 | 5.560G | 60 | 5.453G |
| 61 | 5.664G | 62 | 5.448G | 63 | 5.508G | 64 | 5.711G |
| 65 | 5.316G | 66 | 5.532G | 67 | 5.492G | 68 | 5.472G |
| 69 | 5.701G | 70 | 5.367G | 71 | 5.355G | 72 | 5.631G |
| 73 | 5.554G | 74 | 5.402G | 75 | 5.706G | 76 | 5.365G |
| 77 | 5.504G | 78 | 5.269G | 79 | 5.450G | 80 | 5.699G |
| 81 | 5.356G | 82 | 5.586G | 83 | 5.650G | 84 | 5.620G |
| 85 | 5.378G | 86 | 5.710G | 87 | 5.637G | 88 | 5.405G |
| 89 | 5.573G | 90 | 5.471G | 91 | 5.494G | 92 | 5.590G |
| 93 | 5.694G | 94 | 5.293G | 95 | 5.364G | 96 | 5.346G |
| 97 | 5.579G | 98 | 5.524G | 99 | 5.272G | 100 | 5.264G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.706G | 2 | 5.301G | 3 | 5.704G | 4 | 5.721G |
| 5 | 5.534G | 6 | 5.557G | 7 | 5.581G | 8 | 5.690G |
| 9 | 5.597G | 10 | 5.691G | 11 | 5.636G | 12 | 5.717G |
| 13 | 5.292G | 14 | 5.485G | 15 | 5.278G | 16 | 5.358G |
| 17 | 5.288G | 18 | 5.404G | 19 | 5.652G | 20 | 5.535G |
| 21 | 5.558G | 22 | 5.599G | 23 | 5.600G | 24 | 5.658G |
| 25 | 5.424G | 26 | 5.622G | 27 | 5.615G | 28 | 5.422G |
| 29 | 5.294G | 30 | 5.656G | 31 | 5.609G | 32 | 5.620G |
| 33 | 5.451G | 34 | 5.663G | 35 | 5.444G | 36 | 5.408G |
| 37 | 5.544G | 38 | 5.718G | 39 | 5.697G | 40 | 5.498G |
| 41 | 5.414G | 42 | 5.395G | 43 | 5.673G | 44 | 5.576G |
| 45 | 5.362G | 46 | 5.359G | 47 | 5.472G | 48 | 5.523G |
| 49 | 5.450G | 50 | 5.631G | 51 | 5.253G | 52 | 5.522G |
| 53 | 5.569G | 54 | 5.584G | 55 | 5.714G | 56 | 5.640G |
| 57 | 5.425G | 58 | 5.356G | 59 | 5.346G | 60 | 5.545G |
| 61 | 5.327G | 62 | 5.616G | 63 | 5.489G | 64 | 5.322G |
| 65 | 5.715G | 66 | 5.321G | 67 | 5.650G | 68 | 5.410G |
| 69 | 5.548G | 70 | 5.319G | 71 | 5.611G | 72 | 5.699G |
| 73 | 5.304G | 74 | 5.595G | 75 | 5.702G | 76 | 5.719G |
| 77 | 5.320G | 78 | 5.594G | 79 | 5.271G | 80 | 5.441G |
| 81 | 5.257G | 82 | 5.701G | 83 | 5.363G | 84 | 5.681G |
| 85 | 5.337G | 86 | 5.372G | 87 | 5.345G | 88 | 5.527G |
| 89 | 5.455G | 90 | 5.655G | 91 | 5.377G | 92 | 5.648G |
| 93 | 5.707G | 94 | 5.474G | 95 | 5.467G | 96 | 5.698G |
| 97 | 5.391G | 98 | 5.589G | 99 | 5.371G | 100 | 5.486G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.341G | 2 | 5.330G | 3 | 5.423G | 4 | 5.405G |
| 5 | 5.286G | 6 | 5.287G | 7 | 5.607G | 8 | 5.344G |
| 9 | 5.479G | 10 | 5.561G | 11 | 5.295G | 12 | 5.585G |
| 13 | 5.717G | 14 | 5.320G | 15 | 5.272G | 16 | 5.719G |
| 17 | 5.718G | 18 | 5.721G | 19 | 5.271G | 20 | 5.296G |
| 21 | 5.475G | 22 | 5.452G | 23 | 5.364G | 24 | 5.260G |
| 25 | 5.347G | 26 | 5.285G | 27 | 5.369G | 28 | 5.358G |
| 29 | 5.448G | 30 | 5.678G | 31 | 5.526G | 32 | 5.705G |
| 33 | 5.412G | 34 | 5.454G | 35 | 5.466G | 36 | 5.513G |
| 37 | 5.703G | 38 | 5.327G | 39 | 5.379G | 40 | 5.517G |
| 41 | 5.638G | 42 | 5.357G | 43 | 5.591G | 44 | 5.630G |
| 45 | 5.664G | 46 | 5.474G | 47 | 5.690G | 48 | 5.410G |
| 49 | 5.284G | 50 | 5.365G | 51 | 5.300G | 52 | 5.252G |
| 53 | 5.680G | 54 | 5.282G | 55 | 5.476G | 56 | 5.632G |
| 57 | 5.509G | 58 | 5.602G | 59 | 5.571G | 60 | 5.340G |
| 61 | 5.518G | 62 | 5.593G | 63 | 5.615G | 64 | 5.637G |
| 65 | 5.560G | 66 | 5.558G | 67 | 5.685G | 68 | 5.301G |
| 69 | 5.455G | 70 | 5.443G | 71 | 5.696G | 72 | 5.504G |
| 73 | 5.722G | 74 | 5.682G | 75 | 5.697G | 76 | 5.537G |
| 77 | 5.334G | 78 | 5.649G | 79 | 5.702G | 80 | 5.601G |
| 81 | 5.642G | 82 | 5.665G | 83 | 5.363G | 84 | 5.388G |
| 85 | 5.569G | 86 | 5.551G | 87 | 5.368G | 88 | 5.279G |
| 89 | 5.686G | 90 | 5.584G | 91 | 5.711G | 92 | 5.442G |
| 93 | 5.453G | 94 | 5.305G | 95 | 5.629G | 96 | 5.573G |
| 97 | 5.535G | 98 | 5.657G | 99 | 5.481G | 100 | 5.449G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.568G | 2 | 5.698G | 3 | 5.433G | 4 | 5.393G |
| 5 | 5.452G | 6 | 5.462G | 7 | 5.581G | 8 | 5.443G |
| 9 | 5.333G | 10 | 5.457G | 11 | 5.551G | 12 | 5.664G |
| 13 | 5.406G | 14 | 5.386G | 15 | 5.570G | 16 | 5.409G |
| 17 | 5.327G | 18 | 5.598G | 19 | 5.276G | 20 | 5.481G |
| 21 | 5.610G | 22 | 5.603G | 23 | 5.645G | 24 | 5.486G |
| 25 | 5.445G | 26 | 5.355G | 27 | 5.485G | 28 | 5.710G |
| 29 | 5.325G | 30 | 5.381G | 31 | 5.252G | 32 | 5.631G |
| 33 | 5.564G | 34 | 5.647G | 35 | 5.626G | 36 | 5.683G |
| 37 | 5.654G | 38 | 5.314G | 39 | 5.584G | 40 | 5.528G |
| 41 | 5.475G | 42 | 5.283G | 43 | 5.330G | 44 | 5.353G |
| 45 | 5.273G | 46 | 5.520G | 47 | 5.364G | 48 | 5.388G |
| 49 | 5.690G | 50 | 5.335G | 51 | 5.299G | 52 | 5.311G |
| 53 | 5.531G | 54 | 5.358G | 55 | 5.447G | 56 | 5.686G |
| 57 | 5.400G | 58 | 5.716G | 59 | 5.304G | 60 | 5.687G |
| 61 | 5.685G | 62 | 5.322G | 63 | 5.441G | 64 | 5.674G |
| 65 | 5.601G | 66 | 5.513G | 67 | 5.549G | 68 | 5.350G |
| 69 | 5.599G | 70 | 5.608G | 71 | 5.515G | 72 | 5.705G |
| 73 | 5.282G | 74 | 5.489G | 75 | 5.448G | 76 | 5.254G |
| 77 | 5.606G | 78 | 5.303G | 79 | 5.367G | 80 | 5.643G |
| 81 | 5.319G | 82 | 5.720G | 83 | 5.658G | 84 | 5.585G |
| 85 | 5.468G | 86 | 5.398G | 87 | 5.580G | 88 | 5.559G |
| 89 | 5.421G | 90 | 5.374G | 91 | 5.285G | 92 | 5.721G |
| 93 | 5.704G | 94 | 5.707G | 95 | 5.630G | 96 | 5.402G |
| 97 | 5.594G | 98 | 5.307G | 99 | 5.561G | 100 | 5.644G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.452G | 2 | 5.422G | 3 | 5.538G | 4 | 5.314G |
| 5 | 5.529G | 6 | 5.495G | 7 | 5.250G | 8 | 5.311G |
| 9 | 5.628G | 10 | 5.408G | 11 | 5.706G | 12 | 5.644G |
| 13 | 5.570G | 14 | 5.656G | 15 | 5.622G | 16 | 5.712G |
| 17 | 5.561G | 18 | 5.669G | 19 | 5.406G | 20 | 5.267G |
| 21 | 5.368G | 22 | 5.655G | 23 | 5.451G | 24 | 5.401G |
| 25 | 5.393G | 26 | 5.273G | 27 | 5.691G | 28 | 5.664G |
| 29 | 5.680G | 30 | 5.484G | 31 | 5.343G | 32 | 5.518G |
| 33 | 5.619G | 34 | 5.435G | 35 | 5.507G | 36 | 5.380G |
| 37 | 5.332G | 38 | 5.592G | 39 | 5.303G | 40 | 5.478G |
| 41 | 5.666G | 42 | 5.431G | 43 | 5.714G | 44 | 5.623G |
| 45 | 5.305G | 46 | 5.348G | 47 | 5.614G | 48 | 5.342G |
| 49 | 5.591G | 50 | 5.279G | 51 | 5.547G | 52 | 5.660G |
| 53 | 5.516G | 54 | 5.384G | 55 | 5.677G | 56 | 5.309G |
| 57 | 5.638G | 58 | 5.627G | 59 | 5.420G | 60 | 5.522G |
| 61 | 5.604G | 62 | 5.487G | 63 | 5.642G | 64 | 5.439G |
| 65 | 5.550G | 66 | 5.366G | 67 | 5.654G | 68 | 5.559G |
| 69 | 5.334G | 70 | 5.275G | 71 | 5.526G | 72 | 5.298G |
| 73 | 5.294G | 74 | 5.331G | 75 | 5.705G | 76 | 5.265G |
| 77 | 5.338G | 78 | 5.316G | 79 | 5.467G | 80 | 5.269G |
| 81 | 5.514G | 82 | 5.492G | 83 | 5.710G | 84 | 5.374G |
| 85 | 5.703G | 86 | 5.423G | 87 | 5.346G | 88 | 5.335G |
| 89 | 5.457G | 90 | 5.618G | 91 | 5.260G | 92 | 5.426G |
| 93 | 5.293G | 94 | 5.513G | 95 | 5.532G | 96 | 5.607G |
| 97 | 5.488G | 98 | 5.464G | 99 | 5.254G | 100 | 5.496G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.260G | 2 | 5.359G | 3 | 5.549G | 4 | 5.299G |
| 5 | 5.322G | 6 | 5.624G | 7 | 5.670G | 8 | 5.296G |
| 9 | 5.500G | 10 | 5.714G | 11 | 5.423G | 12 | 5.427G |
| 13 | 5.287G | 14 | 5.676G | 15 | 5.420G | 16 | 5.368G |
| 17 | 5.384G | 18 | 5.662G | 19 | 5.538G | 20 | 5.312G |
| 21 | 5.253G | 22 | 5.294G | 23 | 5.701G | 24 | 5.673G |
| 25 | 5.693G | 26 | 5.573G | 27 | 5.524G | 28 | 5.677G |
| 29 | 5.594G | 30 | 5.680G | 31 | 5.487G | 32 | 5.388G |
| 33 | 5.668G | 34 | 5.365G | 35 | 5.664G | 36 | 5.340G |
| 37 | 5.394G | 38 | 5.571G | 39 | 5.354G | 40 | 5.642G |
| 41 | 5.412G | 42 | 5.478G | 43 | 5.292G | 44 | 5.367G |
| 45 | 5.286G | 46 | 5.281G | 47 | 5.304G | 48 | 5.530G |
| 49 | 5.448G | 50 | 5.465G | 51 | 5.295G | 52 | 5.547G |
| 53 | 5.452G | 54 | 5.429G | 55 | 5.377G | 56 | 5.551G |
| 57 | 5.584G | 58 | 5.703G | 59 | 5.435G | 60 | 5.401G |
| 61 | 5.636G | 62 | 5.252G | 63 | 5.520G | 64 | 5.321G |
| 65 | 5.710G | 66 | 5.639G | 67 | 5.473G | 68 | 5.659G |
| 69 | 5.444G | 70 | 5.667G | 71 | 5.426G | 72 | 5.272G |
| 73 | 5.413G | 74 | 5.467G | 75 | 5.258G | 76 | 5.301G |
| 77 | 5.446G | 78 | 5.560G | 79 | 5.546G | 80 | 5.386G |
| 81 | 5.488G | 82 | 5.565G | 83 | 5.698G | 84 | 5.528G |
| 85 | 5.720G | 86 | 5.462G | 87 | 5.445G | 88 | 5.498G |
| 89 | 5.712G | 90 | 5.532G | 91 | 5.479G | 92 | 5.645G |
| 93 | 5.266G | 94 | 5.433G | 95 | 5.564G | 96 | 5.464G |
| 97 | 5.345G | 98 | 5.579G | 99 | 5.411G | 100 | 5.512G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.328G | 2 | 5.324G | 3 | 5.529G | 4 | 5.718G |
| 5 | 5.522G | 6 | 5.395G | 7 | 5.376G | 8 | 5.420G |
| 9 | 5.449G | 10 | 5.455G | 11 | 5.259G | 12 | 5.436G |
| 13 | 5.683G | 14 | 5.607G | 15 | 5.547G | 16 | 5.421G |
| 17 | 5.708G | 18 | 5.586G | 19 | 5.572G | 20 | 5.611G |
| 21 | 5.588G | 22 | 5.382G | 23 | 5.639G | 24 | 5.604G |
| 25 | 5.305G | 26 | 5.676G | 27 | 5.279G | 28 | 5.516G |
| 29 | 5.380G | 30 | 5.469G | 31 | 5.548G | 32 | 5.614G |
| 33 | 5.435G | 34 | 5.528G | 35 | 5.467G | 36 | 5.274G |
| 37 | 5.369G | 38 | 5.322G | 39 | 5.365G | 40 | 5.392G |
| 41 | 5.560G | 42 | 5.573G | 43 | 5.556G | 44 | 5.472G |
| 45 | 5.445G | 46 | 5.666G | 47 | 5.593G | 48 | 5.456G |
| 49 | 5.570G | 50 | 5.494G | 51 | 5.444G | 52 | 5.474G |
| 53 | 5.257G | 54 | 5.583G | 55 | 5.585G | 56 | 5.628G |
| 57 | 5.686G | 58 | 5.273G | 59 | 5.637G | 60 | 5.341G |
| 61 | 5.696G | 62 | 5.590G | 63 | 5.722G | 64 | 5.437G |
| 65 | 5.723G | 66 | 5.426G | 67 | 5.702G | 68 | 5.483G |
| 69 | 5.675G | 70 | 5.543G | 71 | 5.374G | 72 | 5.647G |
| 73 | 5.373G | 74 | 5.654G | 75 | 5.312G | 76 | 5.680G |
| 77 | 5.289G | 78 | 5.511G | 79 | 5.610G | 80 | 5.567G |
| 81 | 5.521G | 82 | 5.258G | 83 | 5.682G | 84 | 5.716G |
| 85 | 5.428G | 86 | 5.707G | 87 | 5.464G | 88 | 5.603G |
| 89 | 5.694G | 90 | 5.448G | 91 | 5.587G | 92 | 5.595G |
| 93 | 5.415G | 94 | 5.662G | 95 | 5.705G | 96 | 5.320G |
| 97 | 5.401G | 98 | 5.594G | 99 | 5.514G | 100 | 5.468G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.603G | 2 | 5.640G | 3 | 5.262G | 4 | 5.367G |
| 5 | 5.558G | 6 | 5.584G | 7 | 5.252G | 8 | 5.354G |
| 9 | 5.696G | 10 | 5.712G | 11 | 5.379G | 12 | 5.555G |
| 13 | 5.509G | 14 | 5.588G | 15 | 5.675G | 16 | 5.604G |
| 17 | 5.570G | 18 | 5.355G | 19 | 5.564G | 20 | 5.592G |
| 21 | 5.576G | 22 | 5.519G | 23 | 5.629G | 24 | 5.590G |
| 25 | 5.483G | 26 | 5.393G | 27 | 5.394G | 28 | 5.650G |
| 29 | 5.507G | 30 | 5.633G | 31 | 5.615G | 32 | 5.594G |
| 33 | 5.445G | 34 | 5.715G | 35 | 5.434G | 36 | 5.673G |
| 37 | 5.612G | 38 | 5.356G | 39 | 5.662G | 40 | 5.674G |
| 41 | 5.666G | 42 | 5.432G | 43 | 5.627G | 44 | 5.719G |
| 45 | 5.369G | 46 | 5.562G | 47 | 5.385G | 48 | 5.428G |
| 49 | 5.671G | 50 | 5.471G | 51 | 5.686G | 52 | 5.325G |
| 53 | 5.500G | 54 | 5.707G | 55 | 5.678G | 56 | 5.351G |
| 57 | 5.631G | 58 | 5.626G | 59 | 5.365G | 60 | 5.251G |
| 61 | 5.701G | 62 | 5.467G | 63 | 5.395G | 64 | 5.397G |
| 65 | 5.462G | 66 | 5.303G | 67 | 5.305G | 68 | 5.447G |
| 69 | 5.493G | 70 | 5.681G | 71 | 5.342G | 72 | 5.402G |
| 73 | 5.274G | 74 | 5.724G | 75 | 5.492G | 76 | 5.299G |
| 77 | 5.448G | 78 | 5.275G | 79 | 5.281G | 80 | 5.455G |
| 81 | 5.381G | 82 | 5.433G | 83 | 5.412G | 84 | 5.481G |
| 85 | 5.358G | 86 | 5.607G | 87 | 5.544G | 88 | 5.430G |
| 89 | 5.495G | 90 | 5.306G | 91 | 5.416G | 92 | 5.436G |
| 93 | 5.307G | 94 | 5.625G | 95 | 5.545G | 96 | 5.380G |
| 97 | 5.549G | 98 | 5.518G | 99 | 5.665G | 100 | 5.624G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.471G | 2 | 5.372G | 3 | 5.346G | 4 | 5.333G |
| 5 | 5.542G | 6 | 5.576G | 7 | 5.640G | 8 | 5.446G |
| 9 | 5.261G | 10 | 5.423G | 11 | 5.315G | 12 | 5.270G |
| 13 | 5.722G | 14 | 5.285G | 15 | 5.413G | 16 | 5.317G |
| 17 | 5.689G | 18 | 5.717G | 19 | 5.699G | 20 | 5.650G |
| 21 | 5.412G | 22 | 5.462G | 23 | 5.457G | 24 | 5.332G |
| 25 | 5.646G | 26 | 5.577G | 27 | 5.405G | 28 | 5.474G |
| 29 | 5.271G | 30 | 5.522G | 31 | 5.485G | 32 | 5.553G |
| 33 | 5.379G | 34 | 5.328G | 35 | 5.572G | 36 | 5.421G |
| 37 | 5.466G | 38 | 5.502G | 39 | 5.307G | 40 | 5.360G |
| 41 | 5.445G | 42 | 5.480G | 43 | 5.300G | 44 | 5.481G |
| 45 | 5.498G | 46 | 5.278G | 47 | 5.269G | 48 | 5.437G |
| 49 | 5.706G | 50 | 5.489G | 51 | 5.309G | 52 | 5.414G |
| 53 | 5.661G | 54 | 5.320G | 55 | 5.313G | 56 | 5.705G |
| 57 | 5.357G | 58 | 5.319G | 59 | 5.686G | 60 | 5.381G |
| 61 | 5.621G | 62 | 5.655G | 63 | 5.336G | 64 | 5.527G |
| 65 | 5.327G | 66 | 5.673G | 67 | 5.499G | 68 | 5.692G |
| 69 | 5.516G | 70 | 5.691G | 71 | 5.676G | 72 | 5.549G |
| 73 | 5.339G | 74 | 5.454G | 75 | 5.263G | 76 | 5.273G |
| 77 | 5.702G | 78 | 5.589G | 79 | 5.353G | 80 | 5.545G |
| 81 | 5.564G | 82 | 5.382G | 83 | 5.636G | 84 | 5.590G |
| 85 | 5.431G | 86 | 5.562G | 87 | 5.604G | 88 | 5.302G |
| 89 | 5.430G | 90 | 5.322G | 91 | 5.496G | 92 | 5.596G |
| 93 | 5.512G | 94 | 5.595G | 95 | 5.695G | 96 | 5.367G |
| 97 | 5.649G | 98 | 5.399G | 99 | 5.656G | 100 | 5.433G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.716G | 2 | 5.524G | 3 | 5.687G | 4 | 5.698G |
| 5 | 5.286G | 6 | 5.487G | 7 | 5.584G | 8 | 5.723G |
| 9 | 5.501G | 10 | 5.574G | 11 | 5.577G | 12 | 5.490G |
| 13 | 5.572G | 14 | 5.555G | 15 | 5.370G | 16 | 5.586G |
| 17 | 5.386G | 18 | 5.469G | 19 | 5.708G | 20 | 5.704G |
| 21 | 5.290G | 22 | 5.344G | 23 | 5.358G | 24 | 5.316G |
| 25 | 5.259G | 26 | 5.283G | 27 | 5.254G | 28 | 5.379G |
| 29 | 5.303G | 30 | 5.443G | 31 | 5.656G | 32 | 5.512G |
| 33 | 5.275G | 34 | 5.468G | 35 | 5.378G | 36 | 5.265G |
| 37 | 5.444G | 38 | 5.485G | 39 | 5.361G | 40 | 5.302G |
| 41 | 5.404G | 42 | 5.315G | 43 | 5.605G | 44 | 5.352G |
| 45 | 5.446G | 46 | 5.720G | 47 | 5.311G | 48 | 5.495G |
| 49 | 5.721G | 50 | 5.305G | 51 | 5.448G | 52 | 5.583G |
| 53 | 5.436G | 54 | 5.343G | 55 | 5.405G | 56 | 5.326G |
| 57 | 5.649G | 58 | 5.414G | 59 | 5.502G | 60 | 5.454G |
| 61 | 5.318G | 62 | 5.587G | 63 | 5.395G | 64 | 5.400G |
| 65 | 5.331G | 66 | 5.412G | 67 | 5.486G | 68 | 5.447G |
| 69 | 5.257G | 70 | 5.321G | 71 | 5.356G | 72 | 5.373G |
| 73 | 5.291G | 74 | 5.536G | 75 | 5.388G | 76 | 5.445G |
| 77 | 5.659G | 78 | 5.403G | 79 | 5.675G | 80 | 5.640G |
| 81 | 5.407G | 82 | 5.482G | 83 | 5.638G | 84 | 5.363G |
| 85 | 5.636G | 86 | 5.376G | 87 | 5.552G | 88 | 5.619G |
| 89 | 5.255G | 90 | 5.409G | 91 | 5.252G | 92 | 5.439G |
| 93 | 5.544G | 94 | 5.707G | 95 | 5.627G | 96 | 5.678G |
| 97 | 5.724G | 98 | 5.706G | 99 | 5.366G | 100 | 5.401G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.587G | 2 | 5.410G | 3 | 5.369G | 4 | 5.380G |
| 5 | 5.683G | 6 | 5.539G | 7 | 5.356G | 8 | 5.466G |
| 9 | 5.603G | 10 | 5.500G | 11 | 5.656G | 12 | 5.324G |
| 13 | 5.374G | 14 | 5.609G | 15 | 5.403G | 16 | 5.551G |
| 17 | 5.268G | 18 | 5.317G | 19 | 5.478G | 20 | 5.717G |
| 21 | 5.612G | 22 | 5.494G | 23 | 5.608G | 24 | 5.601G |
| 25 | 5.449G | 26 | 5.387G | 27 | 5.512G | 28 | 5.513G |
| 29 | 5.339G | 30 | 5.364G | 31 | 5.700G | 32 | 5.534G |
| 33 | 5.686G | 34 | 5.469G | 35 | 5.639G | 36 | 5.468G |
| 37 | 5.294G | 38 | 5.271G | 39 | 5.383G | 40 | 5.709G |
| 41 | 5.552G | 42 | 5.646G | 43 | 5.523G | 44 | 5.670G |
| 45 | 5.618G | 46 | 5.378G | 47 | 5.668G | 48 | 5.498G |
| 49 | 5.274G | 50 | 5.567G | 51 | 5.420G | 52 | 5.345G |
| 53 | 5.563G | 54 | 5.319G | 55 | 5.600G | 56 | 5.315G |
| 57 | 5.361G | 58 | 5.335G | 59 | 5.559G | 60 | 5.470G |
| 61 | 5.330G | 62 | 5.269G | 63 | 5.530G | 64 | 5.529G |
| 65 | 5.444G | 66 | 5.370G | 67 | 5.493G | 68 | 5.467G |
| 69 | 5.259G | 70 | 5.576G | 71 | 5.657G | 72 | 5.439G |
| 73 | 5.358G | 74 | 5.435G | 75 | 5.398G | 76 | 5.354G |
| 77 | 5.636G | 78 | 5.525G | 79 | 5.628G | 80 | 5.671G |
| 81 | 5.479G | 82 | 5.437G | 83 | 5.422G | 84 | 5.647G |
| 85 | 5.279G | 86 | 5.704G | 87 | 5.649G | 88 | 5.572G |
| 89 | 5.630G | 90 | 5.675G | 91 | 5.682G | 92 | 5.290G |
| 93 | 5.560G | 94 | 5.373G | 95 | 5.528G | 96 | 5.685G |
| 97 | 5.583G | 98 | 5.566G | 99 | 5.416G | 100 | 5.453G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.337G | 2 | 5.722G | 3 | 5.375G | 4 | 5.428G |
| 5 | 5.539G | 6 | 5.442G | 7 | 5.355G | 8 | 5.561G |
| 9 | 5.473G | 10 | 5.479G | 11 | 5.314G | 12 | 5.392G |
| 13 | 5.476G | 14 | 5.376G | 15 | 5.275G | 16 | 5.483G |
| 17 | 5.342G | 18 | 5.346G | 19 | 5.449G | 20 | 5.613G |
| 21 | 5.461G | 22 | 5.597G | 23 | 5.558G | 24 | 5.672G |
| 25 | 5.335G | 26 | 5.600G | 27 | 5.681G | 28 | 5.550G |
| 29 | 5.512G | 30 | 5.391G | 31 | 5.529G | 32 | 5.308G |
| 33 | 5.389G | 34 | 5.703G | 35 | 5.587G | 36 | 5.283G |
| 37 | 5.284G | 38 | 5.508G | 39 | 5.619G | 40 | 5.302G |
| 41 | 5.489G | 42 | 5.621G | 43 | 5.592G | 44 | 5.336G |
| 45 | 5.568G | 46 | 5.347G | 47 | 5.370G | 48 | 5.366G |
| 49 | 5.635G | 50 | 5.409G | 51 | 5.276G | 52 | 5.447G |
| 53 | 5.411G | 54 | 5.357G | 55 | 5.369G | 56 | 5.723G |
| 57 | 5.721G | 58 | 5.554G | 59 | 5.670G | 60 | 5.420G |
| 61 | 5.475G | 62 | 5.466G | 63 | 5.482G | 64 | 5.685G |
| 65 | 5.343G | 66 | 5.490G | 67 | 5.618G | 68 | 5.718G |
| 69 | 5.720G | 70 | 5.679G | 71 | 5.387G | 72 | 5.443G |
| 73 | 5.654G | 74 | 5.533G | 75 | 5.577G | 76 | 5.298G |
| 77 | 5.432G | 78 | 5.412G | 79 | 5.361G | 80 | 5.497G |
| 81 | 5.424G | 82 | 5.250G | 83 | 5.292G | 84 | 5.293G |
| 85 | 5.669G | 86 | 5.576G | 87 | 5.655G | 88 | 5.571G |
| 89 | 5.590G | 90 | 5.273G | 91 | 5.586G | 92 | 5.496G |
| 93 | 5.334G | 94 | 5.664G | 95 | 5.354G | 96 | 5.535G |
| 97 | 5.521G | 98 | 5.294G | 99 | 5.296G | 100 | 5.404G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.595G | 2 | 5.478G | 3 | 5.364G | 4 | 5.281G |
| 5 | 5.649G | 6 | 5.516G | 7 | 5.302G | 8 | 5.723G |
| 9 | 5.718G | 10 | 5.434G | 11 | 5.412G | 12 | 5.482G |
| 13 | 5.419G | 14 | 5.662G | 15 | 5.437G | 16 | 5.294G |
| 17 | 5.369G | 18 | 5.638G | 19 | 5.457G | 20 | 5.275G |
| 21 | 5.396G | 22 | 5.270G | 23 | 5.292G | 24 | 5.483G |
| 25 | 5.339G | 26 | 5.265G | 27 | 5.702G | 28 | 5.532G |
| 29 | 5.358G | 30 | 5.700G | 31 | 5.505G | 32 | 5.464G |
| 33 | 5.492G | 34 | 5.583G | 35 | 5.304G | 36 | 5.469G |
| 37 | 5.310G | 38 | 5.289G | 39 | 5.696G | 40 | 5.630G |
| 41 | 5.672G | 42 | 5.577G | 43 | 5.563G | 44 | 5.650G |
| 45 | 5.606G | 46 | 5.380G | 47 | 5.288G | 48 | 5.374G |
| 49 | 5.311G | 50 | 5.357G | 51 | 5.512G | 52 | 5.496G |
| 53 | 5.456G | 54 | 5.349G | 55 | 5.668G | 56 | 5.296G |
| 57 | 5.452G | 58 | 5.467G | 59 | 5.355G | 60 | 5.704G |
| 61 | 5.674G | 62 | 5.360G | 63 | 5.363G | 64 | 5.554G |
| 65 | 5.384G | 66 | 5.314G | 67 | 5.676G | 68 | 5.373G |
| 69 | 5.377G | 70 | 5.578G | 71 | 5.370G | 72 | 5.421G |
| 73 | 5.382G | 74 | 5.356G | 75 | 5.413G | 76 | 5.551G |
| 77 | 5.335G | 78 | 5.677G | 79 | 5.587G | 80 | 5.628G |
| 81 | 5.687G | 82 | 5.560G | 83 | 5.462G | 84 | 5.428G |
| 85 | 5.367G | 86 | 5.644G | 87 | 5.548G | 88 | 5.706G |
| 89 | 5.345G | 90 | 5.603G | 91 | 5.617G | 92 | 5.321G |
| 93 | 5.659G | 94 | 5.622G | 95 | 5.440G | 96 | 5.433G |
| 97 | 5.266G | 98 | 5.438G | 99 | 5.418G | 100 | 5.609G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.337G | 2 | 5.439G | 3 | 5.588G | 4 | 5.693G |
| 5 | 5.489G | 6 | 5.490G | 7 | 5.689G | 8 | 5.568G |
| 9 | 5.382G | 10 | 5.260G | 11 | 5.354G | 12 | 5.501G |
| 13 | 5.597G | 14 | 5.385G | 15 | 5.254G | 16 | 5.314G |
| 17 | 5.658G | 18 | 5.724G | 19 | 5.427G | 20 | 5.462G |
| 21 | 5.397G | 22 | 5.707G | 23 | 5.627G | 24 | 5.322G |
| 25 | 5.456G | 26 | 5.435G | 27 | 5.718G | 28 | 5.321G |
| 29 | 5.407G | 30 | 5.466G | 31 | 5.677G | 32 | 5.594G |
| 33 | 5.720G | 34 | 5.573G | 35 | 5.491G | 36 | 5.560G |
| 37 | 5.579G | 38 | 5.645G | 39 | 5.669G | 40 | 5.493G |
| 41 | 5.263G | 42 | 5.334G | 43 | 5.581G | 44 | 5.283G |
| 45 | 5.567G | 46 | 5.445G | 47 | 5.317G | 48 | 5.656G |
| 49 | 5.277G | 50 | 5.711G | 51 | 5.712G | 52 | 5.399G |
| 53 | 5.498G | 54 | 5.410G | 55 | 5.273G | 56 | 5.257G |
| 57 | 5.566G | 58 | 5.709G | 59 | 5.396G | 60 | 5.591G |
| 61 | 5.697G | 62 | 5.255G | 63 | 5.624G | 64 | 5.559G |
| 65 | 5.471G | 66 | 5.463G | 67 | 5.440G | 68 | 5.629G |
| 69 | 5.258G | 70 | 5.702G | 71 | 5.411G | 72 | 5.603G |
| 73 | 5.374G | 74 | 5.504G | 75 | 5.438G | 76 | 5.278G |
| 77 | 5.417G | 78 | 5.571G | 79 | 5.544G | 80 | 5.266G |
| 81 | 5.710G | 82 | 5.529G | 83 | 5.379G | 84 | 5.545G |
| 85 | 5.657G | 86 | 5.335G | 87 | 5.622G | 88 | 5.587G |
| 89 | 5.291G | 90 | 5.666G | 91 | 5.316G | 92 | 5.451G |
| 93 | 5.595G | 94 | 5.577G | 95 | 5.610G | 96 | 5.576G |
| 97 | 5.265G | 98 | 5.564G | 99 | 5.676G | 100 | 5.509G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.324G | 2 | 5.712G | 3 | 5.263G | 4 | 5.612G |
| 5 | 5.646G | 6 | 5.526G | 7 | 5.362G | 8 | 5.445G |
| 9 | 5.660G | 10 | 5.403G | 11 | 5.484G | 12 | 5.266G |
| 13 | 5.375G | 14 | 5.334G | 15 | 5.335G | 16 | 5.304G |
| 17 | 5.593G | 18 | 5.450G | 19 | 5.667G | 20 | 5.261G |
| 21 | 5.506G | 22 | 5.698G | 23 | 5.438G | 24 | 5.652G |
| 25 | 5.320G | 26 | 5.463G | 27 | 5.353G | 28 | 5.549G |
| 29 | 5.654G | 30 | 5.321G | 31 | 5.543G | 32 | 5.684G |
| 33 | 5.489G | 34 | 5.509G | 35 | 5.332G | 36 | 5.629G |
| 37 | 5.693G | 38 | 5.588G | 39 | 5.554G | 40 | 5.497G |
| 41 | 5.690G | 42 | 5.525G | 43 | 5.267G | 44 | 5.325G |
| 45 | 5.529G | 46 | 5.705G | 47 | 5.546G | 48 | 5.253G |
| 49 | 5.340G | 50 | 5.285G | 51 | 5.689G | 52 | 5.314G |
| 53 | 5.601G | 54 | 5.473G | 55 | 5.548G | 56 | 5.610G |
| 57 | 5.364G | 58 | 5.363G | 59 | 5.675G | 60 | 5.704G |
| 61 | 5.527G | 62 | 5.297G | 63 | 5.631G | 64 | 5.298G |
| 65 | 5.663G | 66 | 5.406G | 67 | 5.393G | 68 | 5.561G |
| 69 | 5.290G | 70 | 5.347G | 71 | 5.692G | 72 | 5.653G |
| 73 | 5.636G | 74 | 5.501G | 75 | 5.318G | 76 | 5.329G |
| 77 | 5.589G | 78 | 5.466G | 79 | 5.283G | 80 | 5.481G |
| 81 | 5.408G | 82 | 5.656G | 83 | 5.250G | 84 | 5.294G |
| 85 | 5.380G | 86 | 5.447G | 87 | 5.553G | 88 | 5.424G |
| 89 | 5.453G | 90 | 5.686G | 91 | 5.465G | 92 | 5.359G |
| 93 | 5.567G | 94 | 5.392G | 95 | 5.383G | 96 | 5.342G |
| 97 | 5.351G | 98 | 5.275G | 99 | 5.357G | 100 | 5.547G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.628G | 2 | 5.362G | 3 | 5.720G | 4 | 5.655G |
| 5 | 5.613G | 6 | 5.527G | 7 | 5.499G | 8 | 5.696G |
| 9 | 5.698G | 10 | 5.436G | 11 | 5.677G | 12 | 5.643G |
| 13 | 5.722G | 14 | 5.560G | 15 | 5.295G | 16 | 5.298G |
| 17 | 5.685G | 18 | 5.425G | 19 | 5.379G | 20 | 5.661G |
| 21 | 5.316G | 22 | 5.405G | 23 | 5.648G | 24 | 5.343G |
| 25 | 5.327G | 26 | 5.438G | 27 | 5.505G | 28 | 5.434G |
| 29 | 5.616G | 30 | 5.292G | 31 | 5.563G | 32 | 5.467G |
| 33 | 5.282G | 34 | 5.440G | 35 | 5.558G | 36 | 5.372G |
| 37 | 5.642G | 38 | 5.297G | 39 | 5.382G | 40 | 5.715G |
| 41 | 5.426G | 42 | 5.557G | 43 | 5.577G | 44 | 5.454G |
| 45 | 5.465G | 46 | 5.610G | 47 | 5.455G | 48 | 5.260G |
| 49 | 5.614G | 50 | 5.428G | 51 | 5.317G | 52 | 5.539G |
| 53 | 5.321G | 54 | 5.390G | 55 | 5.275G | 56 | 5.671G |
| 57 | 5.267G | 58 | 5.412G | 59 | 5.345G | 60 | 5.354G |
| 61 | 5.419G | 62 | 5.407G | 63 | 5.509G | 64 | 5.612G |
| 65 | 5.578G | 66 | 5.580G | 67 | 5.688G | 68 | 5.374G |
| 69 | 5.574G | 70 | 5.373G | 71 | 5.447G | 72 | 5.682G |
| 73 | 5.552G | 74 | 5.668G | 75 | 5.553G | 76 | 5.649G |
| 77 | 5.371G | 78 | 5.350G | 79 | 5.564G | 80 | 5.452G |
| 81 | 5.623G | 82 | 5.705G | 83 | 5.487G | 84 | 5.484G |
| 85 | 5.529G | 86 | 5.430G | 87 | 5.303G | 88 | 5.299G |
| 89 | 5.609G | 90 | 5.584G | 91 | 5.665G | 92 | 5.266G |
| 93 | 5.576G | 94 | 5.261G | 95 | 5.284G | 96 | 5.319G |
| 97 | 5.442G | 98 | 5.544G | 99 | 5.408G | 100 | 5.313G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.453G | 2 | 5.379G | 3 | 5.321G | 4 | 5.633G |
| 5 | 5.664G | 6 | 5.621G | 7 | 5.550G | 8 | 5.529G |
| 9 | 5.406G | 10 | 5.705G | 11 | 5.568G | 12 | 5.466G |
| 13 | 5.710G | 14 | 5.695G | 15 | 5.493G | 16 | 5.575G |
| 17 | 5.707G | 18 | 5.646G | 19 | 5.266G | 20 | 5.305G |
| 21 | 5.405G | 22 | 5.412G | 23 | 5.471G | 24 | 5.706G |
| 25 | 5.672G | 26 | 5.347G | 27 | 5.483G | 28 | 5.564G |
| 29 | 5.579G | 30 | 5.374G | 31 | 5.586G | 32 | 5.544G |
| 33 | 5.430G | 34 | 5.506G | 35 | 5.317G | 36 | 5.677G |
| 37 | 5.526G | 38 | 5.507G | 39 | 5.389G | 40 | 5.309G |
| 41 | 5.552G | 42 | 5.558G | 43 | 5.270G | 44 | 5.474G |
| 45 | 5.642G | 46 | 5.525G | 47 | 5.420G | 48 | 5.326G |
| 49 | 5.410G | 50 | 5.637G | 51 | 5.415G | 52 | 5.712G |
| 53 | 5.354G | 54 | 5.315G | 55 | 5.428G | 56 | 5.555G |
| 57 | 5.484G | 58 | 5.275G | 59 | 5.662G | 60 | 5.610G |
| 61 | 5.681G | 62 | 5.494G | 63 | 5.307G | 64 | 5.393G |
| 65 | 5.711G | 66 | 5.722G | 67 | 5.277G | 68 | 5.687G |
| 69 | 5.323G | 70 | 5.533G | 71 | 5.492G | 72 | 5.282G |
| 73 | 5.585G | 74 | 5.396G | 75 | 5.443G | 76 | 5.286G |
| 77 | 5.329G | 78 | 5.312G | 79 | 5.561G | 80 | 5.359G |
| 81 | 5.693G | 82 | 5.302G | 83 | 5.403G | 84 | 5.498G |
| 85 | 5.535G | 86 | 5.426G | 87 | 5.567G | 88 | 5.669G |
| 89 | 5.398G | 90 | 5.509G | 91 | 5.675G | 92 | 5.645G |
| 93 | 5.268G | 94 | 5.655G | 95 | 5.628G | 96 | 5.377G |
| 97 | 5.682G | 98 | 5.497G | 99 | 5.345G | 100 | 5.350G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.687G | 2 | 5.368G | 3 | 5.439G | 4 | 5.500G |
| 5 | 5.297G | 6 | 5.301G | 7 | 5.692G | 8 | 5.480G |
| 9 | 5.501G | 10 | 5.629G | 11 | 5.663G | 12 | 5.281G |
| 13 | 5.723G | 14 | 5.591G | 15 | 5.548G | 16 | 5.295G |
| 17 | 5.319G | 18 | 5.506G | 19 | 5.676G | 20 | 5.342G |
| 21 | 5.664G | 22 | 5.529G | 23 | 5.717G | 24 | 5.614G |
| 25 | 5.327G | 26 | 5.433G | 27 | 5.401G | 28 | 5.596G |
| 29 | 5.682G | 30 | 5.322G | 31 | 5.354G | 32 | 5.652G |
| 33 | 5.556G | 34 | 5.315G | 35 | 5.369G | 36 | 5.275G |
| 37 | 5.571G | 38 | 5.544G | 39 | 5.463G | 40 | 5.431G |
| 41 | 5.577G | 42 | 5.449G | 43 | 5.398G | 44 | 5.450G |
| 45 | 5.287G | 46 | 5.372G | 47 | 5.257G | 48 | 5.562G |
| 49 | 5.443G | 50 | 5.650G | 51 | 5.374G | 52 | 5.634G |
| 53 | 5.597G | 54 | 5.493G | 55 | 5.507G | 56 | 5.363G |
| 57 | 5.558G | 58 | 5.684G | 59 | 5.471G | 60 | 5.519G |
| 61 | 5.583G | 62 | 5.718G | 63 | 5.524G | 64 | 5.392G |
| 65 | 5.416G | 66 | 5.278G | 67 | 5.599G | 68 | 5.391G |
| 69 | 5.624G | 70 | 5.590G | 71 | 5.396G | 72 | 5.422G |
| 73 | 5.458G | 74 | 5.264G | 75 | 5.706G | 76 | 5.379G |
| 77 | 5.347G | 78 | 5.685G | 79 | 5.397G | 80 | 5.421G |
| 81 | 5.343G | 82 | 5.336G | 83 | 5.602G | 84 | 5.479G |
| 85 | 5.388G | 86 | 5.339G | 87 | 5.298G | 88 | 5.263G |
| 89 | 5.267G | 90 | 5.380G | 91 | 5.522G | 92 | 5.512G |
| 93 | 5.653G | 94 | 5.407G | 95 | 5.436G | 96 | 5.412G |
| 97 | 5.259G | 98 | 5.314G | 99 | 5.475G | 100 | 5.420G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.451G | 2 | 5.658G | 3 | 5.404G | 4 | 5.664G |
| 5 | 5.566G | 6 | 5.506G | 7 | 5.592G | 8 | 5.585G |
| 9 | 5.510G | 10 | 5.560G | 11 | 5.336G | 12 | 5.578G |
| 13 | 5.425G | 14 | 5.704G | 15 | 5.489G | 16 | 5.682G |
| 17 | 5.340G | 18 | 5.481G | 19 | 5.310G | 20 | 5.529G |
| 21 | 5.314G | 22 | 5.289G | 23 | 5.344G | 24 | 5.618G |
| 25 | 5.564G | 26 | 5.426G | 27 | 5.315G | 28 | 5.602G |
| 29 | 5.513G | 30 | 5.641G | 31 | 5.550G | 32 | 5.264G |
| 33 | 5.483G | 34 | 5.497G | 35 | 5.610G | 36 | 5.325G |
| 37 | 5.318G | 38 | 5.377G | 39 | 5.477G | 40 | 5.672G |
| 41 | 5.416G | 42 | 5.593G | 43 | 5.303G | 44 | 5.367G |
| 45 | 5.342G | 46 | 5.293G | 47 | 5.675G | 48 | 5.348G |
| 49 | 5.331G | 50 | 5.596G | 51 | 5.462G | 52 | 5.608G |
| 53 | 5.376G | 54 | 5.552G | 55 | 5.633G | 56 | 5.485G |
| 57 | 5.703G | 58 | 5.495G | 59 | 5.307G | 60 | 5.470G |
| 61 | 5.445G | 62 | 5.305G | 63 | 5.443G | 64 | 5.702G |
| 65 | 5.448G | 66 | 5.414G | 67 | 5.559G | 68 | 5.547G |
| 69 | 5.537G | 70 | 5.643G | 71 | 5.424G | 72 | 5.493G |
| 73 | 5.257G | 74 | 5.405G | 75 | 5.676G | 76 | 5.600G |
| 77 | 5.586G | 78 | 5.374G | 79 | 5.253G | 80 | 5.519G |
| 81 | 5.401G | 82 | 5.273G | 83 | 5.252G | 84 | 5.535G |
| 85 | 5.648G | 86 | 5.588G | 87 | 5.697G | 88 | 5.302G |
| 89 | 5.373G | 90 | 5.636G | 91 | 5.436G | 92 | 5.649G |
| 93 | 5.287G | 94 | 5.523G | 95 | 5.461G | 96 | 5.261G |
| 97 | 5.498G | 98 | 5.399G | 99 | 5.595G | 100 | 5.674G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.335G | 2 | 5.659G | 3 | 5.522G | 4 | 5.691G |
| 5 | 5.711G | 6 | 5.476G | 7 | 5.275G | 8 | 5.598G |
| 9 | 5.316G | 10 | 5.419G | 11 | 5.378G | 12 | 5.674G |
| 13 | 5.417G | 14 | 5.257G | 15 | 5.696G | 16 | 5.652G |
| 17 | 5.328G | 18 | 5.633G | 19 | 5.308G | 20 | 5.463G |
| 21 | 5.472G | 22 | 5.568G | 23 | 5.354G | 24 | 5.324G |
| 25 | 5.502G | 26 | 5.291G | 27 | 5.714G | 28 | 5.362G |
| 29 | 5.252G | 30 | 5.454G | 31 | 5.450G | 32 | 5.271G |
| 33 | 5.505G | 34 | 5.572G | 35 | 5.482G | 36 | 5.327G |
| 37 | 5.379G | 38 | 5.428G | 39 | 5.457G | 40 | 5.561G |
| 41 | 5.297G | 42 | 5.442G | 43 | 5.678G | 44 | 5.441G |
| 45 | 5.279G | 46 | 5.369G | 47 | 5.503G | 48 | 5.494G |
| 49 | 5.641G | 50 | 5.637G | 51 | 5.443G | 52 | 5.385G |
| 53 | 5.603G | 54 | 5.273G | 55 | 5.507G | 56 | 5.346G |
| 57 | 5.438G | 58 | 5.497G | 59 | 5.449G | 60 | 5.466G |
| 61 | 5.537G | 62 | 5.585G | 63 | 5.521G | 64 | 5.594G |
| 65 | 5.284G | 66 | 5.620G | 67 | 5.571G | 68 | 5.312G |
| 69 | 5.292G | 70 | 5.290G | 71 | 5.673G | 72 | 5.395G |
| 73 | 5.645G | 74 | 5.431G | 75 | 5.293G | 76 | 5.477G |
| 77 | 5.388G | 78 | 5.268G | 79 | 5.596G | 80 | 5.605G |
| 81 | 5.465G | 82 | 5.339G | 83 | 5.366G | 84 | 5.403G |
| 85 | 5.266G | 86 | 5.360G | 87 | 5.552G | 88 | 5.352G |
| 89 | 5.480G | 90 | 5.688G | 91 | 5.513G | 92 | 5.306G |
| 93 | 5.639G | 94 | 5.337G | 95 | 5.464G | 96 | 5.407G |
| 97 | 5.253G | 98 | 5.509G | 99 | 5.702G | 100 | 5.295G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.483G | 2 | 5.437G | 3 | 5.600G | 4 | 5.468G |
| 5 | 5.552G | 6 | 5.485G | 7 | 5.383G | 8 | 5.612G |
| 9 | 5.719G | 10 | 5.550G | 11 | 5.470G | 12 | 5.579G |
| 13 | 5.616G | 14 | 5.538G | 15 | 5.374G | 16 | 5.452G |
| 17 | 5.418G | 18 | 5.665G | 19 | 5.631G | 20 | 5.316G |
| 21 | 5.715G | 22 | 5.397G | 23 | 5.256G | 24 | 5.467G |
| 25 | 5.463G | 26 | 5.300G | 27 | 5.279G | 28 | 5.287G |
| 29 | 5.548G | 30 | 5.537G | 31 | 5.416G | 32 | 5.458G |
| 33 | 5.360G | 34 | 5.646G | 35 | 5.274G | 36 | 5.587G |
| 37 | 5.651G | 38 | 5.266G | 39 | 5.557G | 40 | 5.407G |
| 41 | 5.623G | 42 | 5.265G | 43 | 5.472G | 44 | 5.260G |
| 45 | 5.479G | 46 | 5.604G | 47 | 5.295G | 48 | 5.310G |
| 49 | 5.419G | 50 | 5.434G | 51 | 5.286G | 52 | 5.549G |
| 53 | 5.253G | 54 | 5.262G | 55 | 5.250G | 56 | 5.554G |
| 57 | 5.713G | 58 | 5.276G | 59 | 5.454G | 60 | 5.446G |
| 61 | 5.553G | 62 | 5.448G | 63 | 5.545G | 64 | 5.670G |
| 65 | 5.624G | 66 | 5.678G | 67 | 5.282G | 68 | 5.299G |
| 69 | 5.430G | 70 | 5.473G | 71 | 5.435G | 72 | 5.288G |
| 73 | 5.637G | 74 | 5.638G | 75 | 5.308G | 76 | 5.486G |
| 77 | 5.578G | 78 | 5.264G | 79 | 5.610G | 80 | 5.363G |
| 81 | 5.321G | 82 | 5.493G | 83 | 5.659G | 84 | 5.644G |
| 85 | 5.469G | 86 | 5.723G | 87 | 5.424G | 88 | 5.619G |
| 89 | 5.564G | 90 | 5.583G | 91 | 5.664G | 92 | 5.296G |
| 93 | 5.271G | 94 | 5.526G | 95 | 5.605G | 96 | 5.313G |
| 97 | 5.366G | 98 | 5.319G | 99 | 5.503G | 100 | 5.278G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.393G | 2 | 5.526G | 3 | 5.271G | 4 | 5.394G |
| 5 | 5.527G | 6 | 5.356G | 7 | 5.368G | 8 | 5.315G |
| 9 | 5.502G | 10 | 5.538G | 11 | 5.515G | 12 | 5.259G |
| 13 | 5.343G | 14 | 5.389G | 15 | 5.673G | 16 | 5.670G |
| 17 | 5.612G | 18 | 5.698G | 19 | 5.616G | 20 | 5.272G |
| 21 | 5.422G | 22 | 5.417G | 23 | 5.469G | 24 | 5.306G |
| 25 | 5.598G | 26 | 5.607G | 27 | 5.681G | 28 | 5.450G |
| 29 | 5.674G | 30 | 5.539G | 31 | 5.506G | 32 | 5.383G |
| 33 | 5.468G | 34 | 5.347G | 35 | 5.290G | 36 | 5.436G |
| 37 | 5.561G | 38 | 5.269G | 39 | 5.710G | 40 | 5.398G |
| 41 | 5.519G | 42 | 5.498G | 43 | 5.625G | 44 | 5.464G |
| 45 | 5.562G | 46 | 5.575G | 47 | 5.610G | 48 | 5.528G |
| 49 | 5.420G | 50 | 5.556G | 51 | 5.536G | 52 | 5.571G |
| 53 | 5.253G | 54 | 5.708G | 55 | 5.274G | 56 | 5.433G |
| 57 | 5.592G | 58 | 5.287G | 59 | 5.578G | 60 | 5.455G |
| 61 | 5.451G | 62 | 5.391G | 63 | 5.409G | 64 | 5.604G |
| 65 | 5.278G | 66 | 5.532G | 67 | 5.254G | 68 | 5.322G |
| 69 | 5.566G | 70 | 5.382G | 71 | 5.386G | 72 | 5.501G |
| 73 | 5.355G | 74 | 5.286G | 75 | 5.563G | 76 | 5.250G |
| 77 | 5.367G | 78 | 5.618G | 79 | 5.336G | 80 | 5.683G |
| 81 | 5.330G | 82 | 5.252G | 83 | 5.630G | 84 | 5.255G |
| 85 | 5.653G | 86 | 5.639G | 87 | 5.480G | 88 | 5.655G |
| 89 | 5.547G | 90 | 5.335G | 91 | 5.629G | 92 | 5.349G |
| 93 | 5.456G | 94 | 5.613G | 95 | 5.400G | 96 | 5.379G |
| 97 | 5.387G | 98 | 5.298G | 99 | 5.703G | 100 | 5.458G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.258G | 2 | 5.712G | 3 | 5.538G | 4 | 5.326G |
| 5 | 5.630G | 6 | 5.350G | 7 | 5.307G | 8 | 5.253G |
| 9 | 5.291G | 10 | 5.635G | 11 | 5.416G | 12 | 5.480G |
| 13 | 5.260G | 14 | 5.304G | 15 | 5.619G | 16 | 5.560G |
| 17 | 5.333G | 18 | 5.300G | 19 | 5.443G | 20 | 5.384G |
| 21 | 5.546G | 22 | 5.639G | 23 | 5.481G | 24 | 5.670G |
| 25 | 5.599G | 26 | 5.537G | 27 | 5.683G | 28 | 5.721G |
| 29 | 5.421G | 30 | 5.520G | 31 | 5.483G | 32 | 5.413G |
| 33 | 5.286G | 34 | 5.336G | 35 | 5.548G | 36 | 5.472G |
| 37 | 5.649G | 38 | 5.359G | 39 | 5.451G | 40 | 5.362G |
| 41 | 5.628G | 42 | 5.383G | 43 | 5.323G | 44 | 5.271G |
| 45 | 5.427G | 46 | 5.328G | 47 | 5.294G | 48 | 5.390G |
| 49 | 5.417G | 50 | 5.375G | 51 | 5.508G | 52 | 5.298G |
| 53 | 5.464G | 54 | 5.545G | 55 | 5.378G | 56 | 5.423G |
| 57 | 5.573G | 58 | 5.550G | 59 | 5.526G | 60 | 5.613G |
| 61 | 5.373G | 62 | 5.605G | 63 | 5.380G | 64 | 5.395G |
| 65 | 5.554G | 66 | 5.496G | 67 | 5.453G | 68 | 5.370G |
| 69 | 5.376G | 70 | 5.557G | 71 | 5.344G | 72 | 5.667G |
| 73 | 5.405G | 74 | 5.474G | 75 | 5.719G | 76 | 5.590G |
| 77 | 5.521G | 78 | 5.615G | 79 | 5.586G | 80 | 5.675G |
| 81 | 5.517G | 82 | 5.672G | 83 | 5.588G | 84 | 5.507G |
| 85 | 5.430G | 86 | 5.296G | 87 | 5.465G | 88 | 5.668G |
| 89 | 5.428G | 90 | 5.624G | 91 | 5.424G | 92 | 5.711G |
| 93 | 5.385G | 94 | 5.611G | 95 | 5.387G | 96 | 5.254G |
| 97 | 5.669G | 98 | 5.436G | 99 | 5.596G | 100 | 5.662G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.570G | 2 | 5.537G | 3 | 5.259G | 4 | 5.669G |
| 5 | 5.318G | 6 | 5.676G | 7 | 5.684G | 8 | 5.565G |
| 9 | 5.396G | 10 | 5.428G | 11 | 5.467G | 12 | 5.529G |
| 13 | 5.483G | 14 | 5.425G | 15 | 5.603G | 16 | 5.492G |
| 17 | 5.297G | 18 | 5.625G | 19 | 5.687G | 20 | 5.294G |
| 21 | 5.412G | 22 | 5.567G | 23 | 5.304G | 24 | 5.593G |
| 25 | 5.434G | 26 | 5.485G | 27 | 5.292G | 28 | 5.637G |
| 29 | 5.306G | 30 | 5.589G | 31 | 5.614G | 32 | 5.543G |
| 33 | 5.559G | 34 | 5.690G | 35 | 5.347G | 36 | 5.477G |
| 37 | 5.361G | 38 | 5.256G | 39 | 5.270G | 40 | 5.549G |
| 41 | 5.372G | 42 | 5.426G | 43 | 5.685G | 44 | 5.597G |
| 45 | 5.458G | 46 | 5.393G | 47 | 5.433G | 48 | 5.599G |
| 49 | 5.341G | 50 | 5.273G | 51 | 5.359G | 52 | 5.398G |
| 53 | 5.657G | 54 | 5.328G | 55 | 5.279G | 56 | 5.564G |
| 57 | 5.632G | 58 | 5.450G | 59 | 5.435G | 60 | 5.314G |
| 61 | 5.366G | 62 | 5.715G | 63 | 5.622G | 64 | 5.332G |
| 65 | 5.286G | 66 | 5.520G | 67 | 5.501G | 68 | 5.418G |
| 69 | 5.409G | 70 | 5.417G | 71 | 5.479G | 72 | 5.663G |
| 73 | 5.394G | 74 | 5.351G | 75 | 5.253G | 76 | 5.440G |
| 77 | 5.268G | 78 | 5.606G | 79 | 5.724G | 80 | 5.568G |
| 81 | 5.357G | 82 | 5.453G | 83 | 5.384G | 84 | 5.673G |
| 85 | 5.365G | 86 | 5.317G | 87 | 5.275G | 88 | 5.487G |
| 89 | 5.301G | 90 | 5.493G | 91 | 5.368G | 92 | 5.621G |
| 93 | 5.682G | 94 | 5.376G | 95 | 5.353G | 96 | 5.446G |
| 97 | 5.258G | 98 | 5.713G | 99 | 5.339G | 100 | 5.296G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.672G | 2 | 5.454G | 3 | 5.419G | 4 | 5.621G |
| 5 | 5.322G | 6 | 5.464G | 7 | 5.685G | 8 | 5.302G |
| 9 | 5.362G | 10 | 5.291G | 11 | 5.532G | 12 | 5.478G |
| 13 | 5.320G | 14 | 5.491G | 15 | 5.375G | 16 | 5.343G |
| 17 | 5.457G | 18 | 5.379G | 19 | 5.473G | 20 | 5.472G |
| 21 | 5.436G | 22 | 5.582G | 23 | 5.612G | 24 | 5.326G |
| 25 | 5.277G | 26 | 5.430G | 27 | 5.434G | 28 | 5.688G |
| 29 | 5.699G | 30 | 5.600G | 31 | 5.649G | 32 | 5.662G |
| 33 | 5.423G | 34 | 5.397G | 35 | 5.715G | 36 | 5.703G |
| 37 | 5.677G | 38 | 5.359G | 39 | 5.683G | 40 | 5.709G |
| 41 | 5.530G | 42 | 5.274G | 43 | 5.269G | 44 | 5.485G |
| 45 | 5.638G | 46 | 5.695G | 47 | 5.673G | 48 | 5.657G |
| 49 | 5.323G | 50 | 5.357G | 51 | 5.517G | 52 | 5.360G |
| 53 | 5.468G | 54 | 5.526G | 55 | 5.287G | 56 | 5.471G |
| 57 | 5.537G | 58 | 5.266G | 59 | 5.523G | 60 | 5.545G |
| 61 | 5.285G | 62 | 5.479G | 63 | 5.474G | 64 | 5.707G |
| 65 | 5.348G | 66 | 5.414G | 67 | 5.653G | 68 | 5.318G |
| 69 | 5.554G | 70 | 5.614G | 71 | 5.660G | 72 | 5.257G |
| 73 | 5.604G | 74 | 5.501G | 75 | 5.616G | 76 | 5.567G |
| 77 | 5.334G | 78 | 5.401G | 79 | 5.470G | 80 | 5.678G |
| 81 | 5.299G | 82 | 5.624G | 83 | 5.556G | 84 | 5.315G |
| 85 | 5.539G | 86 | 5.411G | 87 | 5.527G | 88 | 5.577G |
| 89 | 5.273G | 90 | 5.328G | 91 | 5.618G | 92 | 5.617G |
| 93 | 5.516G | 94 | 5.276G | 95 | 5.663G | 96 | 5.536G |
| 97 | 5.495G | 98 | 5.335G | 99 | 5.456G | 100 | 5.508G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.289G | 2 | 5.329G | 3 | 5.649G | 4 | 5.475G |
| 5 | 5.426G | 6 | 5.263G | 7 | 5.657G | 8 | 5.352G |
| 9 | 5.711G | 10 | 5.558G | 11 | 5.376G | 12 | 5.373G |
| 13 | 5.511G | 14 | 5.297G | 15 | 5.603G | 16 | 5.611G |
| 17 | 5.288G | 18 | 5.399G | 19 | 5.482G | 20 | 5.607G |
| 21 | 5.605G | 22 | 5.498G | 23 | 5.468G | 24 | 5.409G |
| 25 | 5.564G | 26 | 5.393G | 27 | 5.491G | 28 | 5.472G |
| 29 | 5.595G | 30 | 5.392G | 31 | 5.457G | 32 | 5.380G |
| 33 | 5.586G | 34 | 5.706G | 35 | 5.530G | 36 | 5.350G |
| 37 | 5.488G | 38 | 5.370G | 39 | 5.676G | 40 | 5.634G |
| 41 | 5.298G | 42 | 5.662G | 43 | 5.508G | 44 | 5.440G |
| 45 | 5.405G | 46 | 5.355G | 47 | 5.431G | 48 | 5.326G |
| 49 | 5.390G | 50 | 5.411G | 51 | 5.419G | 52 | 5.617G |
| 53 | 5.378G | 54 | 5.682G | 55 | 5.571G | 56 | 5.724G |
| 57 | 5.507G | 58 | 5.600G | 59 | 5.344G | 60 | 5.322G |
| 61 | 5.693G | 62 | 5.368G | 63 | 5.494G | 64 | 5.707G |
| 65 | 5.335G | 66 | 5.637G | 67 | 5.684G | 68 | 5.594G |
| 69 | 5.526G | 70 | 5.462G | 71 | 5.281G | 72 | 5.410G |
| 73 | 5.295G | 74 | 5.358G | 75 | 5.610G | 76 | 5.629G |
| 77 | 5.635G | 78 | 5.268G | 79 | 5.477G | 80 | 5.398G |
| 81 | 5.403G | 82 | 5.473G | 83 | 5.318G | 84 | 5.513G |
| 85 | 5.631G | 86 | 5.636G | 87 | 5.316G | 88 | 5.464G |
| 89 | 5.479G | 90 | 5.446G | 91 | 5.389G | 92 | 5.438G |
| 93 | 5.296G | 94 | 5.480G | 95 | 5.651G | 96 | 5.612G |
| 97 | 5.418G | 98 | 5.500G | 99 | 5.307G | 100 | 5.581G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.577G | 2 | 5.499G | 3 | 5.384G | 4 | 5.608G |
| 5 | 5.487G | 6 | 5.555G | 7 | 5.301G | 8 | 5.271G |
| 9 | 5.561G | 10 | 5.428G | 11 | 5.549G | 12 | 5.348G |
| 13 | 5.702G | 14 | 5.355G | 15 | 5.329G | 16 | 5.690G |
| 17 | 5.456G | 18 | 5.532G | 19 | 5.296G | 20 | 5.507G |
| 21 | 5.568G | 22 | 5.305G | 23 | 5.446G | 24 | 5.711G |
| 25 | 5.468G | 26 | 5.285G | 27 | 5.628G | 28 | 5.481G |
| 29 | 5.706G | 30 | 5.674G | 31 | 5.401G | 32 | 5.256G |
| 33 | 5.581G | 34 | 5.547G | 35 | 5.637G | 36 | 5.379G |
| 37 | 5.575G | 38 | 5.373G | 39 | 5.576G | 40 | 5.376G |
| 41 | 5.435G | 42 | 5.539G | 43 | 5.432G | 44 | 5.563G |
| 45 | 5.338G | 46 | 5.584G | 47 | 5.274G | 48 | 5.486G |
| 49 | 5.392G | 50 | 5.400G | 51 | 5.587G | 52 | 5.630G |
| 53 | 5.280G | 54 | 5.508G | 55 | 5.356G | 56 | 5.492G |
| 57 | 5.385G | 58 | 5.453G | 59 | 5.704G | 60 | 5.542G |
| 61 | 5.519G | 62 | 5.360G | 63 | 5.545G | 64 | 5.479G |
| 65 | 5.538G | 66 | 5.497G | 67 | 5.675G | 68 | 5.663G |
| 69 | 5.426G | 70 | 5.485G | 71 | 5.362G | 72 | 5.605G |
| 73 | 5.546G | 74 | 5.318G | 75 | 5.604G | 76 | 5.569G |
| 77 | 5.311G | 78 | 5.452G | 79 | 5.558G | 80 | 5.529G |
| 81 | 5.316G | 82 | 5.599G | 83 | 5.344G | 84 | 5.491G |
| 85 | 5.677G | 86 | 5.673G | 87 | 5.551G | 88 | 5.418G |
| 89 | 5.606G | 90 | 5.455G | 91 | 5.682G | 92 | 5.443G |
| 93 | 5.257G | 94 | 5.427G | 95 | 5.660G | 96 | 5.473G |
| 97 | 5.476G | 98 | 5.332G | 99 | 5.502G | 100 | 5.312G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.399G | 2 | 5.425G | 3 | 5.296G | 4 | 5.415G |
| 5 | 5.624G | 6 | 5.552G | 7 | 5.346G | 8 | 5.256G |
| 9 | 5.495G | 10 | 5.447G | 11 | 5.499G | 12 | 5.532G |
| 13 | 5.250G | 14 | 5.303G | 15 | 5.428G | 16 | 5.531G |
| 17 | 5.700G | 18 | 5.595G | 19 | 5.586G | 20 | 5.372G |
| 21 | 5.472G | 22 | 5.722G | 23 | 5.601G | 24 | 5.493G |
| 25 | 5.673G | 26 | 5.709G | 27 | 5.484G | 28 | 5.457G |
| 29 | 5.693G | 30 | 5.271G | 31 | 5.291G | 32 | 5.332G |
| 33 | 5.583G | 34 | 5.656G | 35 | 5.569G | 36 | 5.371G |
| 37 | 5.513G | 38 | 5.322G | 39 | 5.651G | 40 | 5.277G |
| 41 | 5.579G | 42 | 5.679G | 43 | 5.267G | 44 | 5.337G |
| 45 | 5.383G | 46 | 5.259G | 47 | 5.691G | 48 | 5.352G |
| 49 | 5.385G | 50 | 5.477G | 51 | 5.294G | 52 | 5.594G |
| 53 | 5.404G | 54 | 5.530G | 55 | 5.559G | 56 | 5.311G |
| 57 | 5.360G | 58 | 5.527G | 59 | 5.483G | 60 | 5.519G |
| 61 | 5.703G | 62 | 5.468G | 63 | 5.626G | 64 | 5.336G |
| 65 | 5.461G | 66 | 5.668G | 67 | 5.636G | 68 | 5.633G |
| 69 | 5.617G | 70 | 5.554G | 71 | 5.377G | 72 | 5.623G |
| 73 | 5.273G | 74 | 5.576G | 75 | 5.688G | 76 | 5.517G |
| 77 | 5.625G | 78 | 5.524G | 79 | 5.450G | 80 | 5.699G |
| 81 | 5.507G | 82 | 5.401G | 83 | 5.575G | 84 | 5.387G |
| 85 | 5.417G | 86 | 5.598G | 87 | 5.295G | 88 | 5.498G |
| 89 | 5.655G | 90 | 5.689G | 91 | 5.502G | 92 | 5.659G |
| 93 | 5.254G | 94 | 5.694G | 95 | 5.480G | 96 | 5.683G |
| 97 | 5.489G | 98 | 5.424G | 99 | 5.667G | 100 | 5.262G |

| Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30 | | | | | | | |
|--|----------------|------|----------------|------|----------------|------|----------------|
| SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) | SEQ# | Frequency (Hz) |
| 1 | 5.624G | 2 | 5.595G | 3 | 5.445G | 4 | 5.440G |
| 5 | 5.609G | 6 | 5.311G | 7 | 5.373G | 8 | 5.597G |
| 9 | 5.370G | 10 | 5.352G | 11 | 5.679G | 12 | 5.348G |
| 13 | 5.387G | 14 | 5.724G | 15 | 5.721G | 16 | 5.424G |
| 17 | 5.510G | 18 | 5.288G | 19 | 5.382G | 20 | 5.321G |
| 21 | 5.406G | 22 | 5.399G | 23 | 5.456G | 24 | 5.584G |
| 25 | 5.421G | 26 | 5.450G | 27 | 5.252G | 28 | 5.680G |
| 29 | 5.677G | 30 | 5.332G | 31 | 5.339G | 32 | 5.491G |
| 33 | 5.649G | 34 | 5.537G | 35 | 5.276G | 36 | 5.697G |
| 37 | 5.285G | 38 | 5.718G | 39 | 5.319G | 40 | 5.685G |
| 41 | 5.523G | 42 | 5.457G | 43 | 5.691G | 44 | 5.425G |
| 45 | 5.627G | 46 | 5.293G | 47 | 5.437G | 48 | 5.544G |
| 49 | 5.717G | 50 | 5.270G | 51 | 5.654G | 52 | 5.530G |
| 53 | 5.498G | 54 | 5.549G | 55 | 5.297G | 56 | 5.396G |
| 57 | 5.548G | 58 | 5.638G | 59 | 5.408G | 60 | 5.641G |
| 61 | 5.575G | 62 | 5.652G | 63 | 5.306G | 64 | 5.503G |
| 65 | 5.409G | 66 | 5.667G | 67 | 5.465G | 68 | 5.710G |
| 69 | 5.481G | 70 | 5.415G | 71 | 5.594G | 72 | 5.347G |
| 73 | 5.614G | 74 | 5.411G | 75 | 5.331G | 76 | 5.613G |
| 77 | 5.444G | 78 | 5.357G | 79 | 5.326G | 80 | 5.716G |
| 81 | 5.538G | 82 | 5.263G | 83 | 5.478G | 84 | 5.694G |
| 85 | 5.505G | 86 | 5.320G | 87 | 5.643G | 88 | 5.343G |
| 89 | 5.340G | 90 | 5.323G | 91 | 5.675G | 92 | 5.695G |
| 93 | 5.360G | 94 | 5.371G | 95 | 5.521G | 96 | 5.492G |
| 97 | 5.308G | 98 | 5.392G | 99 | 5.576G | 100 | 5.441G |