

## Appendix A. Test Result

### DUT Information

|                            |                                          |                        |
|----------------------------|------------------------------------------|------------------------|
| Frequencies                |                                          |                        |
| WLAN CH 106 (5530 MHz)     | WLAN CH 100 (5500 MHz)                   | WLAN CH 102 (5510 MHz) |
| WLAN CH 114 (5570 MHz)     |                                          |                        |
| Bandwidths                 |                                          |                        |
| 20 MHz (20 MHz)            | 40 MHz (40 MHz)                          | 80 MHz (80 MHz)        |
| 160 MHz (160 MHz)          |                                          |                        |
| DUT Settings               |                                          |                        |
| No. of transmission chains | 1                                        |                        |
| DFS capability             | Yes                                      |                        |
| DFS Mode                   | Client with radar detection              |                        |
| Startup time (incl. CAC)   | 120.00 seconds                           |                        |
| Startup time delay         | 0.00 seconds                             |                        |
| Conf. occ. bandwidth for : | nom. Bandwidth '20000000' = 19.89 MHz    |                        |
| Conf. occ. bandwidth for : | nom. Bandwidth '40000000' = 38.370 MHz   |                        |
| Conf. occ. bandwidth for : | nom. Bandwidth '80000000' = 77.410 MHz   |                        |
| Conf. occ. bandwidth for : | nom. Bandwidth '160000000' = 155.840 MHz |                        |

### Hardware Setup: WMS Measurements\TS8997

|                    |                                                                                                                             |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Spectrum Analyzer: | SA FSV3044 (SA FSV3044) @ VISA (ADR<br>TCPIP::192.168.48.148::inst0::instr), SN 1330.5000K43/101255, FW 1.60SP1             |
| Vector Generator:  | VG SMM100A (VG SMM100A) @ VISA (ADR<br>TCPIP::192.168.48.152::inst0::instr), SN 101740, FW 5.00.044.34                      |
| Generator:         | SMB100A (SMB100A) @ VISA (ADR<br>TCPIP::192.168.48.150::inst0::instr), SN 183027, FW 4.20.028.58 /<br>Drv:5.8.0             |
| OSP:               | OSP-B157W8PLUS (OSP-B157W8PLUS) @ VISA (ADR<br>TCPIP::192.168.48.157::inst0::instr), SN 1527.1144.05 / 100850, FW 2.10.0.23 |

## Summary

| Test                           | Frequency (MHz) | Nominal Bandwidth (MHz) | Result |
|--------------------------------|-----------------|-------------------------|--------|
| DFS Channel Availability Check | 5570.000        | 160.000000              | PASS   |

| Test                      | Frequency (MHz) | Nominal Bandwidth (MHz) | Result |
|---------------------------|-----------------|-------------------------|--------|
| DFS In-Service Monitoring | 5570.000        | 160.000000              | PASS   |

| Test                          | Frequency (MHz) | Nominal Bandwidth (MHz) | Result |
|-------------------------------|-----------------|-------------------------|--------|
| DFS U-NII Detection Bandwidth | 5500.000        | 20.000000               | PASS   |
| DFS U-NII Detection Bandwidth | 5510.000        | 40.000000               | PASS   |
| DFS U-NII Detection Bandwidth | 5530.000        | 80.000000               | PASS   |
| DFS U-NII Detection Bandwidth | 5570.000        | 160.000000              | PASS   |

| Test                              | Frequency (MHz) | Nominal Bandwidth (MHz) | Result |
|-----------------------------------|-----------------|-------------------------|--------|
| DFS Statistical Performance Check | 5500.000        | 20.000000               | PASS   |
| DFS Statistical Performance Check | 5510.000        | 40.000000               | PASS   |
| DFS Statistical Performance Check | 5530.000        | 80.000000               | PASS   |
| DFS Statistical Performance Check | 5570.000        | 160.000000              | PASS   |

## DFS Channel Availability Check (5570 MHz;160 MHz)

Test according to FCC title 47 part 15 §15.407(h), KDB 905462 D02 U-NII DFS Compliance Procedures  
New Rules v02

### Measurement Summary

| DUT Frequency (MHz) | Radar Waveform Filename used | CAC Type           | Overall Result | Overall Comment |
|---------------------|------------------------------|--------------------|----------------|-----------------|
| 5570.000000         | FCC15407_2014-Type0-18.wv    | Begin of CAC Phase | PASS           |                 |
| 5570.000000         | FCC15407_2014-Type0-18.wv    | End of CAC Phase   | PASS           |                 |

### Measurement Detailed Results

| DUT Frequency (MHz) | Radar Type No. | CAC Type           | Measured Startup time (s) | Configured Startup time (s) | Kind of Measurement    |
|---------------------|----------------|--------------------|---------------------------|-----------------------------|------------------------|
| 5570.000000         | 0              | Begin of CAC Phase | 171.836                   | ---                         | Before Radar Injection |
| 5570.000000         | 0              | Begin of CAC Phase | 171.836                   | ---                         | After Radar Injection  |
| 5570.000000         | 0              | End of CAC Phase   | 171.836                   | ---                         | Before Radar Injection |
| 5570.000000         | 0              | End of CAC Phase   | 171.836                   | ---                         | After Radar Injection  |

(continuation of the "Measurement Detailed Results" table from column 6 ...)

| DUT Frequency (MHz) | Time of Tx Start (s) | Limit (s) | Result | Comment                                                  |
|---------------------|----------------------|-----------|--------|----------------------------------------------------------|
| 5570.000000         | 0.000                | 0.00      | PASS   | No emissions detected; OK                                |
| 5570.000000         | >150.0               | >150.0    | PASS   | Limit is acquisition time after radar burst. See Note 1. |
| 5570.000000         | 0.000                | 0.00      | PASS   | No emissions detected; OK                                |
| 5570.000000         | >150.0               | >150.0    | PASS   | Limit is acquisition time after radar burst. See Note 1. |

### Radar Pulse verification Summary

| Radar Type No. | No. of Pulses | Required No. of Pulses | Min. Pulsewidth (µs) | Max. Pulsewidth (µs) | Required Pulsewidth (µs) | Measured Min. PRI (µs) |
|----------------|---------------|------------------------|----------------------|----------------------|--------------------------|------------------------|
| 0              | 18            | 18                     | 1.000                | 1.100                | 1.000                    | 1427.900               |
| 0              | 18            | 18                     | 1.000                | 1.100                | 1.000                    | 1427.900               |

(continuation of the "Radar Pulse verification Summary" table from column 7 ...)

| Radar Type No. | Measured Max. PRI (µs) | Required PRI (µs) | Result | Comment     |
|----------------|------------------------|-------------------|--------|-------------|
| 0              | 1428.000               | 1428              | PASS   | See Note 3. |
| 0              | 1428.000               | 1428              | PASS   | See Note 3. |

### Radar Pulse verification detail (Begin of CAC Phase)

| Radar Type No. | Pulse No. | Pulsewidth (μs) | Required Pulsewidth (μs) |
|----------------|-----------|-----------------|--------------------------|
| 0              | 1         | 1.000           | 1.000                    |
| 0              | 2         | 1.000           | 1.000                    |
| 0              | 3         | 1.100           | 1.000                    |
| 0              | 4         | 1.000           | 1.000                    |
| 0              | 5         | 1.000           | 1.000                    |
| 0              | 6         | 1.100           | 1.000                    |
| 0              | 7         | 1.000           | 1.000                    |
| 0              | 8         | 1.000           | 1.000                    |
| 0              | 9         | 1.000           | 1.000                    |
| 0              | 10        | 1.000           | 1.000                    |
| 0              | 11        | 1.000           | 1.000                    |
| 0              | 12        | 1.100           | 1.000                    |
| 0              | 13        | 1.000           | 1.000                    |
| 0              | 14        | 1.000           | 1.000                    |
| 0              | 15        | 1.000           | 1.000                    |
| 0              | 16        | 1.000           | 1.000                    |
| 0              | 17        | 1.000           | 1.000                    |
| 0              | 18        | 1.000           | 1.000                    |

### Radar Pulse verification detail (End of CAC Phase)

| Radar Type No. | Pulse No. | Pulsewidth (μs) | Required Pulsewidth (μs) |
|----------------|-----------|-----------------|--------------------------|
| 0              | 1         | 1.000           | 1.000                    |
| 0              | 2         | 1.100           | 1.000                    |
| 0              | 3         | 1.100           | 1.000                    |
| 0              | 4         | 1.000           | 1.000                    |
| 0              | 5         | 1.000           | 1.000                    |
| 0              | 6         | 1.100           | 1.000                    |
| 0              | 7         | 1.000           | 1.000                    |
| 0              | 8         | 1.000           | 1.000                    |
| 0              | 9         | 1.100           | 1.000                    |
| 0              | 10        | 1.000           | 1.000                    |
| 0              | 11        | 1.000           | 1.000                    |
| 0              | 12        | 1.000           | 1.000                    |
| 0              | 13        | 1.100           | 1.000                    |
| 0              | 14        | 1.000           | 1.000                    |
| 0              | 15        | 1.000           | 1.000                    |
| 0              | 16        | 1.100           | 1.000                    |
| 0              | 17        | 1.000           | 1.000                    |
| 0              | 18        | 1.000           | 1.000                    |

## Radar level verification

| Description / Formula                                                                                                                                                                                                                                                                              | Value                                                             | Unit |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------|
| IF((<br>{DFS Mode(0/1/2)}=0)or(<br>{DFS Mode(0/1/2)}=1) , IF((dBm2W(<br>{Nominal Power[dBm]}>0.2) , -64 , IF((<br>{Configured PSD[dBm]}<10) , -62 , -64))+<br>{Attenuation Vector Generator to DUT[dB]} , -50+<br>{Attenuation Vector Generator to COMP[dB]}+<br>{Radar Signal Level Offset[dB]} ) | Given setting / formula<br>to calculate<br>Vector Generator level | --   |
| Requirement of the Detection threshold value<br>for this given values acc. to FCC clause 5.2 / Table 3                                                                                                                                                                                             | -64                                                               | dBm  |
| Vector Generator level setting                                                                                                                                                                                                                                                                     | -26.98                                                            | dBm  |
| Configured overall pathloss from Vector Generator<br>RF out to DUT connector of 'DUT to OSP'-cable                                                                                                                                                                                                 | 36.02                                                             | dB   |
| Given additional level added to the amplitude of<br>the waveform to account for variations in measurement<br>equipment acc. to FCC clause 5.2 / Table 3 / Note 2                                                                                                                                   | 1.00                                                              | dB   |
| This results in the following radar signal<br>level at the DUT                                                                                                                                                                                                                                     | -63.00                                                            | dBm  |

## Additional Information

| Note    | Description                                                                                                                                                                                                                              |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note 1: | Sweep of Analyser and Radar pulse waveform are triggered at the same time.<br>Therefore, the radar pulses maybe can be seen at the trigger point of the trace.<br>Analysis of the Sweeps excludes the covered time for the radar pulses. |
| Note 2: | The radar signal is simultaneously evaluated as the analyser sweep after radar injection.                                                                                                                                                |
| Note 3: | Measurement uncertainty due to sampling rate of 10MHz is 300ns (3 samples)                                                                                                                                                               |
| Note 4: | If user defined waveform is configured (myARB.wv) then no additional limits are available<br>and measured values can not be checked.                                                                                                     |

## Measurement Beginning of CAC



## Measurement End of CAC



## Startup time

| Setting          | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Center Frequency | 5.57000 GHz      | 5.57000 GHz  |
| Span             | ZeroSpan         | ZeroSpan     |
| RBW              | 3.000 MHz        | >= 3.000 MHz |
| VBW              | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints      | 1001             | ~ 1001       |
| SweepTime        | 20.000 ms        | 20.000 ms    |
| Reference Level  | 0.000 dBm        | 0.000 dBm    |
| Attenuation      | 0.000 dB         | 0.000 dB     |
| Detector         | MaxPeak          | MaxPeak      |
| SweepCount       | 1                | 1            |
| Filter           | 3 dB             | 3 dB         |
| Trace Mode       | Clear Write      | Clear Write  |
| SweepType        | Sweep            | AUTO         |
| Preamplifier     | off              | off          |
| Trigger          | Video            | Video        |
| Trigger Mode     | constant         | constant     |
| Trigger Level    | 45.500 %         | 45.536 %     |
| Trigger Offset   | 0.000 s          | 0.000 s      |

## Begin of CAC Phase

| Setting          | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Center Frequency | 5.57000 GHz      | 5.57000 GHz  |
| Span             | ZeroSpan         | ZeroSpan     |
| RBW              | 3.000 MHz        | >= 3.000 MHz |
| VBW              | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints      | 30001            | ~ 30001      |
| SweepTime        | 265.836 s        | 265.836 s    |
| Reference Level  | 0.000 dBm        | 0.000 dBm    |
| Attenuation      | 0.000 dB         | 0.000 dB     |
| Detector         | MaxPeak          | MaxPeak      |
| SweepCount       | 1                | 1            |
| Filter           | 3 dB             | 3 dB         |
| Trace Mode       | Clear Write      | Clear Write  |
| SweepType        | Sweep            | AUTO         |
| Preamplifier     | off              | off          |
| Trigger          | External         | External     |
| Trigger Offset   | 115.836 s        | 115.836 s    |

## End of CAC Phase

| Setting          | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Center Frequency | 5.57000 GHz      | 5.57000 GHz  |
| Span             | ZeroSpan         | ZeroSpan     |
| RBW              | 3.000 MHz        | >= 3.000 MHz |
| VBW              | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints      | 30001            | ~ 30001      |
| SweepTime        | 317.836 s        | 317.836 s    |
| Reference Level  | 0.000 dBm        | 0.000 dBm    |
| Attenuation      | 0.000 dB         | 0.000 dB     |
| Detector         | MaxPeak          | MaxPeak      |
| SweepCount       | 1                | 1            |
| Filter           | 3 dB             | 3 dB         |
| Trace Mode       | Clear Write      | Clear Write  |
| SweepType        | Sweep            | AUTO         |
| Preamplifier     | off              | off          |
| Trigger          | External         | External     |
| Trigger Offset   | 167.836 s        | 167.836 s    |

## OSP Radar Pulse Detector

| Setting          | Instrument Value | Target Value  |
|------------------|------------------|---------------|
| Measurement Time | 100.000 ms       | 100.000 ms    |
| Samplerate       | 10000 kHz        | 10000 kHz     |
| Tracepoints      | 1000000          | 1000000       |
| Time resolution  | 0.100 $\mu$ s    | 0.100 $\mu$ s |
| Detector         | Peak             | Peak          |

## DFS In-Service Monitoring (5570 MHz;160 MHz)

Test according to FCC title 47 part 15 §15.407(h), KDB 905462 D02 U-NII DFS Compliance Procedures  
New Rules v02

### Measurement Summary

| DUT Frequency (MHz) | Radar Type No. | Type of Measurement value         | Overall Result |
|---------------------|----------------|-----------------------------------|----------------|
| 5570.000000         | 0              | First of all Transmitt Test       | ---            |
| 5570.000000         | 0              | Channel Move Time                 | PASS           |
| 5570.000000         | 0              | Channel Closing Transmission Time | PASS           |
| 5570.000000         | 0              | Non-occupancy period              | PASS           |

(continuation of the "Measurement Summary" table from column 4 ...)

| DUT Frequency (MHz) | Overall Comment              |
|---------------------|------------------------------|
| 5570.000000         | not performed / not finished |
| 5570.000000         |                              |
| 5570.000000         |                              |
| 5570.000000         |                              |

### Channel Move Time Detailed Result

| DUT Frequency (MHz) | Radar Type No. | CMT Tx Time (s) | CMT Limit (s) | CMT Result | CMT Comment                                                         |
|---------------------|----------------|-----------------|---------------|------------|---------------------------------------------------------------------|
| 5570.000000         | 0              | 0.000           | 10.000        | PASS       | Tx Time value is last trailing edge found within sweep. See Note 1. |

### Channel Closing Transmission Time Detailed Results

| DUT Frequency (MHz) | Radar Type No. | CCTT Type of Value              | CCTT No. of Pulses found | CCTT Tx Time (ms) |
|---------------------|----------------|---------------------------------|--------------------------|-------------------|
| 5570.000000         | 0              | first 200 ms                    | 0                        | 0.000             |
| 5570.000000         | 0              | remaining 10.0 second(s) period | 0                        | 0.000             |

(continuation of the "Channel Closing Transmission Time Detailed Results" table from column 5 ...)

| DUT Frequency (MHz) | CCTT Tx Time Limit (ms) | CCTT Result | CCTT Comment |
|---------------------|-------------------------|-------------|--------------|
| 5570.000000         | 200.000                 | PASS        | See Note 1.  |
| 5570.000000         | 60.000                  | PASS        | See Note 1.  |

### Non-occupancy period Detailed Results

| DUT Frequency (MHz) | Radar Type No. | NOP No. of Pulses found | NOP No. of Pulses Limit | NOP Tx Time (s) | NOP Tx Time Limit (s) | NOP Result |
|---------------------|----------------|-------------------------|-------------------------|-----------------|-----------------------|------------|
| 5570.000000         | 0              | 0                       | 0                       | 0.000           | 0.000                 | PASS       |

### Transmitting Test Detailed Results

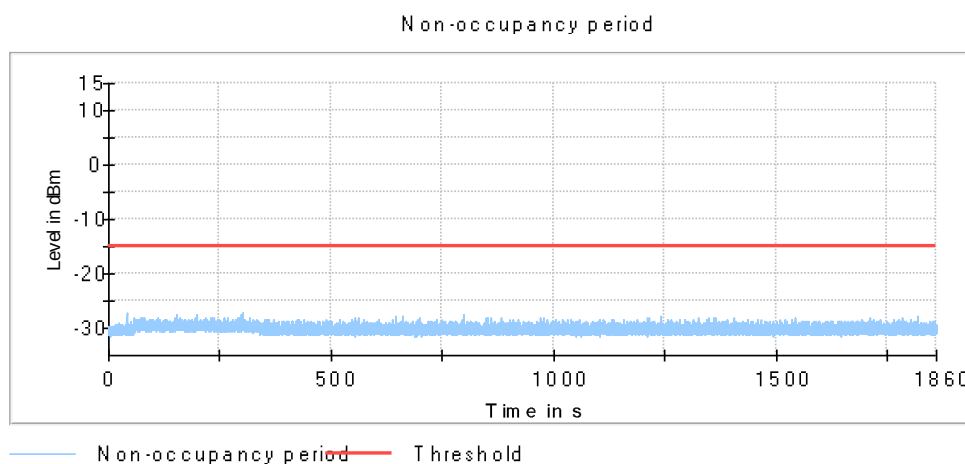
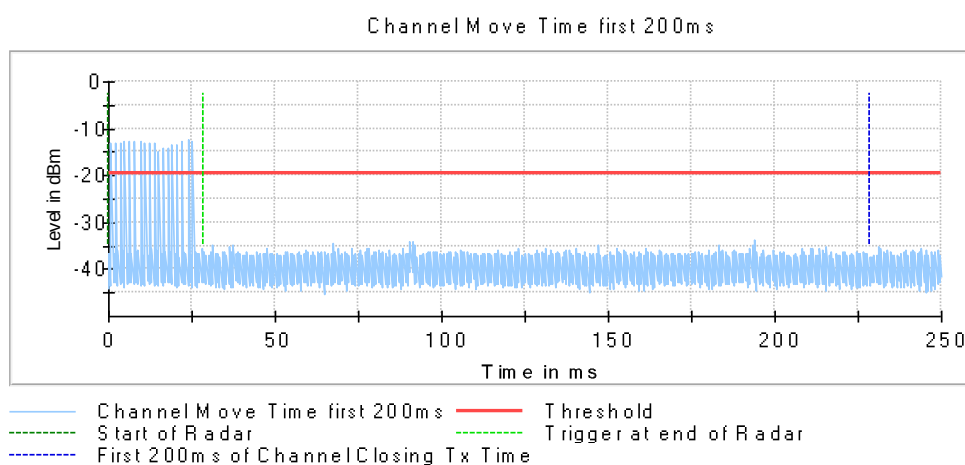
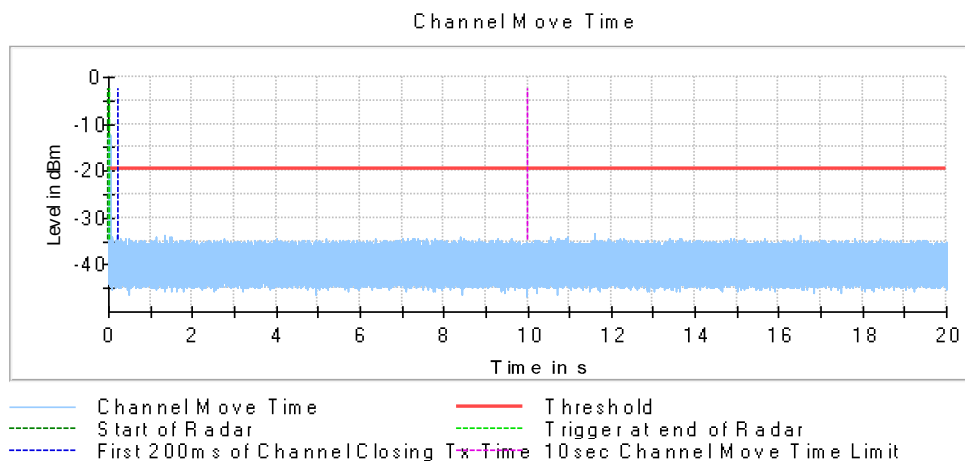
| DUT Frequency (MHz) | Tx-Test Result | Tx-Test Comment              |
|---------------------|----------------|------------------------------|
| 5570.000000         | ---            | not performed / not finished |

## Radar level verification

| Description / Formula                                                                                                                                                                                                                                                                              | Value                                                             | Unit |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------|
| IF((<br>{DFS Mode(0/1/2)}=0)or(<br>{DFS Mode(0/1/2)}=1) , IF((dBm2W(<br>{Nominal Power[dBm]}>0.2) , -64 , IF((<br>{Configured PSD[dBm]}<10) , -62 , -64))+<br>{Attenuation Vector Generator to DUT[dB]} , -50+<br>{Attenuation Vector Generator to COMP[dB]}+<br>{Radar Signal Level Offset[dB]})) | Given setting / formula<br>to calculate<br>Vector Generator level | --   |
| Requirement of the Detection threshold value<br>for this given values acc. to FCC clause 5.2 / Table 3                                                                                                                                                                                             | -64                                                               | dBm  |
| Vector Generator level setting                                                                                                                                                                                                                                                                     | -18.03                                                            | dBm  |
| Configured overall pathloss from Vector Generator<br>RF out to DUT connector of 'DUT to OSP'-cable                                                                                                                                                                                                 | 44.97                                                             | dB   |
| Given additional level added to the amplitude of<br>the waveform to account for variations in measurement<br>equipment acc. to FCC clause 5.2 / Table 3 / Note 2                                                                                                                                   | 1.00                                                              | dB   |
| This results in the following radar signal<br>level at the DUT                                                                                                                                                                                                                                     | -63.00                                                            | dBm  |

## Additional Information

| Note    | Description                                                                                                                                                                                                     |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note 1: | Because of the radar pulse event at the beginning, the investigation of the trace begins with an offset of 28.7 ms conforming to the end of the Radar burst.                                                    |
| Note 2: | Channel move time (CMT) / channel closing transmission time (CCTT) measurement was made with hi resolution video sweep using OSP DAQ channel                                                                    |
| Note 3: | Because of the substantially higher sampling rate of the video signal the results for CCTT and CMT are more accurate than in the graphics visible. Reached timing accuracy of the video trace: approx 4 $\mu$ s |
| Note 4: | The Non-Occupancy Period trace starts at the end of the Channel move time trace (20.000 secs.)<br>Labeling of the x-axis (time) is relative to its beginning (0 secs.)                                          |



## Channel Move Time; Channel Closing Transmission Time

| Setting          | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Center Frequency | 5.57000 GHz      | 5.57000 GHz  |
| Span             | ZeroSpan         | ZeroSpan     |
| RBW              | 3.000 MHz        | >= 3.000 MHz |
| VBW              | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints      | 30001            | ~ 30001      |
| SweepTime        | 20.000 s         | 20.000 s     |
| Reference Level  | -10.000 dBm      | -10.000 dBm  |
| Attenuation      | 0.000 dB         | 0.000 dB     |
| Detector         | MaxPeak          | MaxPeak      |
| SweepCount       | 1                | 1            |
| Filter           | 3 dB             | 3 dB         |
| Trace Mode       | Clear Write      | Clear Write  |
| SweepType        | Sweep            | AUTO         |
| Preamp           | off              | off          |
| Trigger          | External         | External     |
| Trigger Offset   | 0.000 s          | 0.000 s      |

## Non-occupancy period

| Setting          | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Center Frequency | 5.57000 GHz      | 5.57000 GHz  |
| Span             | ZeroSpan         | ZeroSpan     |
| RBW              | 3.000 MHz        | >= 3.000 MHz |
| VBW              | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints      | 30001            | ~ 30001      |
| SweepTime        | 1.860 ks         | 1.860 ks     |
| Reference Level  | -10.000 dBm      | -10.000 dBm  |
| Attenuation      | 0.000 dB         | 0.000 dB     |
| Detector         | MaxPeak          | MaxPeak      |
| SweepCount       | 1                | 1            |
| Filter           | 3 dB             | 3 dB         |
| Trace Mode       | Clear Write      | Clear Write  |
| SweepType        | Sweep            | AUTO         |
| Preamp           | off              | off          |

## OSP Video Detector

| Setting          | Instrument Value | Target Value  |
|------------------|------------------|---------------|
| Measurement Time | 20.000 s         | 20.000 s      |
| Samplerate       | 2500 kHz         | 2500 kHz      |
| Tracepoints      | 50000000         | 50000000      |
| Time resolution  | 4.000 $\mu$ s    | 4.000 $\mu$ s |
| Detector         | Peak             | Peak          |

## DFS U-NII Detection Bandwidth (5500 MHz; 20 MHz)

Test according to FCC title 47 part 15 §15.407(h), KDB 905462 D02 U-NII DFS Compliance Procedures  
New Rules v02

### Measurement Summary

| DUT Frequency (MHz) | Radar Type No. | Measured Detection Bandwidth (MHz) | 99% Transmission power Bandwidth (MHz) | Overall Result | Overall Comment |
|---------------------|----------------|------------------------------------|----------------------------------------|----------------|-----------------|
| 5500.000000         | 0              | 20.000000                          | 19.890000                              | PASS           |                 |

### Detection Bandwidth Detailed Results

| Check Frequency (MHz) | Detection count | Percentage of Detection | Minimum Limit | Single Measurement Result | Single Measurement Comment |
|-----------------------|-----------------|-------------------------|---------------|---------------------------|----------------------------|
| 5485.000000           | 1 of 10         | 10 %                    | 90%           | FAIL                      |                            |
| 5489.000000           | 1 of 10         | 10 %                    | 90%           | FAIL                      |                            |
| 5490.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      | Lower Limit                |
| 5495.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5500.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5505.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5510.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      | Upper Limit                |
| 5511.000000           | 0 of 10         | 0 %                     | 90%           | FAIL                      |                            |
| 5515.000000           | 0 of 10         | 0 %                     | 90%           | FAIL                      |                            |

### Radar level verification

| Description / Formula                                                                                                                                                                                                                                               | Value                                                       | Unit |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------|
| IF({DFS Mode(0/1/2)}=0)or({DFS Mode(0/1/2)}=1) , IF((dBm2W({Nominal Power[dBm]})>0.2) , -64 , IF({Configured PSD[dBm]}<10) , -62 , -64))+{Attenuation Vector Generator to DUT[dB]} , -50+{Attenuation Vector Generator to COMP[dB]}+{Radar Signal Level Offset[dB]} | Given setting / formula to calculate Vector Generator level | --   |
| Requirement of the Detection threshold value for this given values acc. to FCC clause 5.2 / Table 3                                                                                                                                                                 | -64                                                         | dBm  |
| Vector Generator level setting                                                                                                                                                                                                                                      | -18.04                                                      | dBm  |
| Configured overall pathloss from Vector Generator RF out to DUT connector of 'DUT to OSP'-cable                                                                                                                                                                     | 44.96                                                       | dB   |
| Given additional level added to the amplitude of the waveform to account for variations in measurement equipment acc. to FCC clause 5.2 / Table 3 / Note 2                                                                                                          | 1.00                                                        | dB   |
| This results in the following radar signal level at the DUT                                                                                                                                                                                                         | -63.00                                                      | dBm  |

## U-NII Detection Bandwidth Sweep

| Setting          | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Center Frequency | 5.50000 GHz      | 5.50000 GHz  |
| Span             | ZeroSpan         | ZeroSpan     |
| RBW              | 3.000 MHz        | >= 3.000 MHz |
| VBW              | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints      | 30001            | ~ 30001      |
| SweepTime        | 12.000 s         | 12.000 s     |
| Reference Level  | -10.000 dBm      | -10.000 dBm  |
| Attenuation      | 0.000 dB         | 0.000 dB     |
| Detector         | MaxPeak          | MaxPeak      |
| SweepCount       | 1                | 1            |
| Filter           | 3 dB             | 3 dB         |
| Trace Mode       | Clear Write      | Clear Write  |
| SweepType        | Sweep            | AUTO         |
| Preamp           | off              | off          |
| Trigger          | External         | External     |
| Trigger Offset   | 0.000 s          | 0.000 s      |

## OSP Video Detector

| Setting          | Instrument Value | Target Value  |
|------------------|------------------|---------------|
| Measurement Time | 12.000 s         | 12.000 s      |
| Samplerate       | 2500 kHz         | 2500 kHz      |
| Tracepoints      | 30000000         | 30000000      |
| Time resolution  | 4.000 $\mu$ s    | 4.000 $\mu$ s |
| Detector         | Peak             | Peak          |

## DFS U-NII Detection Bandwidth (5510 MHz; 40 MHz)

Test according to FCC title 47 part 15 §15.407(h), KDB 905462 D02 U-NII DFS Compliance Procedures  
New Rules v02

### Measurement Summary

| DUT Frequency (MHz) | Radar Type No. | Measured Detection Bandwidth (MHz) | 99% Transmission power Bandwidth (MHz) | Overall Result | Overall Comment |
|---------------------|----------------|------------------------------------|----------------------------------------|----------------|-----------------|
| 5510.000000         | 0              | 40.000000                          | 38.370000                              | PASS           |                 |

### Detection Bandwidth Detailed Results

| Check Frequency (MHz) | Detection count | Percentage of Detection | Minimum Limit | Single Measurement Result | Single Measurement Comment |
|-----------------------|-----------------|-------------------------|---------------|---------------------------|----------------------------|
| 5485.000000           | 0 of 10         | 0 %                     | 90%           | FAIL                      |                            |
| 5489.000000           | 0 of 10         | 0 %                     | 90%           | FAIL                      |                            |
| 5490.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      | Lower Limit                |
| 5495.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5500.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5505.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5510.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5515.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5520.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5525.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5530.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      | Upper Limit                |
| 5531.000000           | 0 of 10         | 0 %                     | 90%           | FAIL                      |                            |
| 5535.000000           | 0 of 10         | 0 %                     | 90%           | FAIL                      |                            |

### Radar level verification

| Description / Formula                                                                                                                                                                                                                                                                            | Value                                                       | Unit |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------|
| IF((<br>{DFS Mode(0/1/2)}=0)or(<br>{DFS Mode(0/1/2)}=1) , IF((dBm2W(<br>{Nominal Power[dBm]}>0.2) , -64 , IF(<br>{Configured PSD[dBm]}<10) , -62 , -64))+<br>{Attenuation Vector Generator to DUT[dB]} , -50+<br>{Attenuation Vector Generator to COMP[dB]}+<br>{Radar Signal Level Offset[dB]}) | Given setting / formula to calculate Vector Generator level | --   |
| Requirement of the Detection threshold value for this given values acc. to FCC clause 5.2 / Table 3                                                                                                                                                                                              | -64                                                         | dBm  |
| Vector Generator level setting                                                                                                                                                                                                                                                                   | -18.01                                                      | dBm  |
| Configured overall pathloss from Vector Generator RF out to DUT connector of 'DUT to OSP'-cable                                                                                                                                                                                                  | 44.99                                                       | dB   |
| Given additional level added to the amplitude of the waveform to account for variations in measurement equipment acc. to FCC clause 5.2 / Table 3 / Note 2                                                                                                                                       | 1.00                                                        | dB   |
| This results in the following radar signal level at the DUT                                                                                                                                                                                                                                      | -63.00                                                      | dBm  |

## U-NII Detection Bandwidth Sweep

| Setting          | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Center Frequency | 5.51000 GHz      | 5.51000 GHz  |
| Span             | ZeroSpan         | ZeroSpan     |
| RBW              | 3.000 MHz        | >= 3.000 MHz |
| VBW              | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints      | 30001            | ~ 30001      |
| SweepTime        | 12.000 s         | 12.000 s     |
| Reference Level  | -10.000 dBm      | -10.000 dBm  |
| Attenuation      | 0.000 dB         | 0.000 dB     |
| Detector         | MaxPeak          | MaxPeak      |
| SweepCount       | 1                | 1            |
| Filter           | 3 dB             | 3 dB         |
| Trace Mode       | Clear Write      | Clear Write  |
| SweepType        | Sweep            | AUTO         |
| Preamplifier     | off              | off          |
| Trigger          | External         | External     |
| Trigger Offset   | 0.000 s          | 0.000 s      |

## OSP Video Detector

| Setting          | Instrument Value | Target Value  |
|------------------|------------------|---------------|
| Measurement Time | 12.000 s         | 12.000 s      |
| Samplerate       | 2500 kHz         | 2500 kHz      |
| Tracepoints      | 30000000         | 30000000      |
| Time resolution  | 4.000 $\mu$ s    | 4.000 $\mu$ s |
| Detector         | Peak             | Peak          |

## DFS U-NII Detection Bandwidth (5530 MHz; 80 MHz)

Test according to FCC title 47 part 15 §15.407(h), KDB 905462 D02 U-NII DFS Compliance Procedures  
New Rules v02

### Measurement Summary

| DUT Frequency (MHz) | Radar Type No. | Measured Detection Bandwidth (MHz) | 99% Transmission power Bandwidth (MHz) | Overall Result | Overall Comment |
|---------------------|----------------|------------------------------------|----------------------------------------|----------------|-----------------|
| 5530.000000         | 0              | 80.000000                          | 77.410000                              | PASS           |                 |

### Detection Bandwidth Detailed Results

| Check Frequency (MHz) | Detection count | Percentage of Detection | Minimum Limit | Single Measurement Result | Single Measurement Comment |
|-----------------------|-----------------|-------------------------|---------------|---------------------------|----------------------------|
| 5485.000000           | 0 of 10         | 0 %                     | 90%           | FAIL                      |                            |
| 5489.000000           | 0 of 10         | 0 %                     | 90%           | FAIL                      |                            |
| 5490.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      | Lower Limit                |
| 5495.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5500.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5505.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5510.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5515.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5520.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5525.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5530.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5535.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5540.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5545.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5550.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5555.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5560.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5565.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5570.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      | Upper Limit                |
| 5571.000000           | 0 of 10         | 0 %                     | 90%           | FAIL                      |                            |
| 5575.000000           | 0 of 10         | 0 %                     | 90%           | FAIL                      |                            |

### Radar level verification

| Description / Formula                                                                                                                                                                                                                                                                              | Value                                                             | Unit |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------|
| IF((<br>{DFS Mode(0/1/2)}=0)or(<br>{DFS Mode(0/1/2)}=1) , IF((dBm2W(<br>{Nominal Power[dBm]}>0.2) , -64 , IF((<br>{Configured PSD[dBm]}<10) , -62 , -64))+<br>{Attenuation Vector Generator to DUT[dB]} , -50+<br>{Attenuation Vector Generator to COMP[dB]}+<br>{Radar Signal Level Offset[dB]})) | Given setting / formula<br>to calculate<br>Vector Generator level | --   |
| Requirement of the Detection threshold value<br>for this given values acc. to FCC clause 5.2 / Table 3                                                                                                                                                                                             | -64                                                               | dBm  |
| Vector Generator level setting                                                                                                                                                                                                                                                                     | -17.98                                                            | dBm  |
| Configured overall pathloss from Vector Generator<br>RF out to DUT connector of 'DUT to OSP'-cable                                                                                                                                                                                                 | 45.02                                                             | dB   |
| Given additional level added to the amplitude of<br>the waveform to account for variations in measurement<br>equipment acc. to FCC clause 5.2 / Table 3 / Note 2                                                                                                                                   | 1.00                                                              | dB   |
| This results in the following radar signal<br>level at the DUT                                                                                                                                                                                                                                     | -63.00                                                            | dBm  |

## U-NII Detection Bandwidth Sweep

| Setting          | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Center Frequency | 5.53000 GHz      | 5.53000 GHz  |
| Span             | ZeroSpan         | ZeroSpan     |
| RBW              | 3.000 MHz        | >= 3.000 MHz |
| VBW              | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints      | 30001            | ~ 30001      |
| SweepTime        | 12.000 s         | 12.000 s     |
| Reference Level  | -10.000 dBm      | -10.000 dBm  |
| Attenuation      | 0.000 dB         | 0.000 dB     |
| Detector         | MaxPeak          | MaxPeak      |
| SweepCount       | 1                | 1            |
| Filter           | 3 dB             | 3 dB         |
| Trace Mode       | Clear Write      | Clear Write  |
| SweepType        | Sweep            | AUTO         |
| Preamp           | off              | off          |
| Trigger          | External         | External     |
| Trigger Offset   | 0.000 s          | 0.000 s      |

## OSP Video Detector

| Setting          | Instrument Value | Target Value  |
|------------------|------------------|---------------|
| Measurement Time | 12.000 s         | 12.000 s      |
| Samplerate       | 2500 kHz         | 2500 kHz      |
| Tracepoints      | 30000000         | 30000000      |
| Time resolution  | 4.000 $\mu$ s    | 4.000 $\mu$ s |
| Detector         | Peak             | Peak          |

## DFS U-NII Detection Bandwidth (5570 MHz; 160 MHz)

Test according to FCC title 47 part 15 §15.407(h), KDB 905462 D02 U-NII DFS Compliance Procedures  
New Rules v02

### Measurement Summary

| DUT Frequency (MHz) | Radar Type No. | Measured Detection Bandwidth (MHz) | 99% Transmission power Bandwidth (MHz) | Overall Result | Overall Comment |
|---------------------|----------------|------------------------------------|----------------------------------------|----------------|-----------------|
| 5570.000000         | 0              | 160.000000                         | 155.840000                             | PASS           |                 |

### Detection Bandwidth Detailed Results

| Check Frequency (MHz) | Detection count | Percentage of Detection | Minimum Limit | Single Measurement Result | Single Measurement Comment |
|-----------------------|-----------------|-------------------------|---------------|---------------------------|----------------------------|
| 5485.000000           | 0 of 10         | 0 %                     | 90%           | FAIL                      |                            |
| 5489.000000           | 0 of 10         | 0 %                     | 90%           | FAIL                      |                            |
| 5490.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      | Lower Limit                |
| 5495.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5500.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5505.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5510.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5515.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5520.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5525.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5530.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5535.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5540.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5545.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5550.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5555.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5560.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5565.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5570.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5575.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5580.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5585.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5590.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5595.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5600.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5605.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5610.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5615.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5620.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5625.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5630.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5635.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5640.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5645.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      |                            |
| 5650.000000           | 10 of 10        | 100 %                   | 90%           | PASS                      | Upper Limit                |
| 5651.000000           | 0 of 10         | 0 %                     | 90%           | FAIL                      |                            |
| 5655.000000           | 0 of 10         | 0 %                     | 90%           | FAIL                      |                            |

## Radar level verification

| Description / Formula                                                                                                                                                                                                                                                                           | Value                                                             | Unit |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------|
| IF(<br>{DFS Mode(0/1/2)}=0)or(<br>{DFS Mode(0/1/2)}=1) , IF((dBm2W(<br>{Nominal Power[dBm]}>0.2) , -64 , IF(<br>{Configured PSD[dBm]}<10) , -62 , -64))+<br>{Attenuation Vector Generator to DUT[dB]} , -50+<br>{Attenuation Vector Generator to COMP[dB]}+<br>{Radar Signal Level Offset[dB]}) | Given setting / formula<br>to calculate<br>Vector Generator level | --   |
| Requirement of the Detection threshold value<br>for this given values acc. to FCC clause 5.2 / Table 3                                                                                                                                                                                          | -64                                                               | dBm  |
| Vector Generator level setting                                                                                                                                                                                                                                                                  | -17.92                                                            | dBm  |
| Configured overall pathloss from Vector Generator<br>RF out to DUT connector of 'DUT to OSP'-cable                                                                                                                                                                                              | 45.08                                                             | dB   |
| Given additional level added to the amplitude of<br>the waveform to account for variations in measurement<br>equipment acc. to FCC clause 5.2 / Table 3 / Note 2                                                                                                                                | 1.00                                                              | dB   |
| This results in the following radar signal<br>level at the DUT                                                                                                                                                                                                                                  | -63.00                                                            | dBm  |

## U-NII Detection Bandwidth Sweep

| Setting          | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Center Frequency | 5.57000 GHz      | 5.57000 GHz  |
| Span             | ZeroSpan         | ZeroSpan     |
| RBW              | 3.000 MHz        | >= 3.000 MHz |
| VBW              | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints      | 30001            | ~ 30001      |
| SweepTime        | 12.000 s         | 12.000 s     |
| Reference Level  | -10.000 dBm      | -10.000 dBm  |
| Attenuation      | 0.000 dB         | 0.000 dB     |
| Detector         | MaxPeak          | MaxPeak      |
| SweepCount       | 1                | 1            |
| Filter           | 3 dB             | 3 dB         |
| Trace Mode       | Clear Write      | Clear Write  |
| Sweeptype        | Sweep            | AUTO         |
| Preamp           | off              | off          |
| Trigger          | External         | External     |
| Trigger Offset   | 0.000 s          | 0.000 s      |

## OSP Video Detector

| Setting          | Instrument Value | Target Value  |
|------------------|------------------|---------------|
| Measurement Time | 12.000 s         | 12.000 s      |
| Samplerate       | 2500 kHz         | 2500 kHz      |
| Tracepoints      | 30000000         | 30000000      |
| Time resolution  | 4.000 $\mu$ s    | 4.000 $\mu$ s |
| Detector         | Peak             | Peak          |

## DFS Statistical Performance Check (5500 MHz; 20 MHz)

Test according to FCC title 47 part 15 §15.407(h), KDB 905462 D02 U-NII DFS Compliance Procedures  
New Rules v02

### Measurement Summary

| DUT Frequency (MHz) | Radar Type No. | Detection count | Percentage of Detection Px | Detection Limit | Overall Result | Overall Comment |
|---------------------|----------------|-----------------|----------------------------|-----------------|----------------|-----------------|
| 5500.000000         | 1              | 29 of 30        | 96.67%                     | 60.0 %          | PASS           |                 |
| 5500.000000         | 2              | 27 of 30        | 90.00%                     | 60.0 %          | PASS           |                 |
| 5500.000000         | 3              | 28 of 30        | 93.33%                     | 60.0 %          | PASS           |                 |
| 5500.000000         | 4              | 26 of 30        | 86.67%                     | 60.0 %          | PASS           |                 |
| 5500.000000         | 5              | 29 of 30        | 96.67%                     | 80.0 %          | PASS           |                 |
| 5500.000000         | 6              | 30 of 30        | 100.00%                    | 70.0 %          | PASS           |                 |

### Aggregate Results for Short Pulse Radar Type 1-4

| Aggregate Calculation as follows | Aggregate Percentage | Aggregate Limit | Aggregate Result | Aggregate Comment |
|----------------------------------|----------------------|-----------------|------------------|-------------------|
| $(P1 + P2 + P3 + P4) / 4$        | 91.67%               | 80.0 %          | PASS             |                   |

## Detailed Results for Radar Type 1

| Trial Number | Random Trial used | Pulse Width (μs) | PRI (μs) | No. of Pulses | Pulses Detected | Comment |
|--------------|-------------------|------------------|----------|---------------|-----------------|---------|
| 1            | 14                | 1.000            | 778.000  | 68            | YES             |         |
| 2            | 42                | 1.000            | 2279.000 | 24            | YES             |         |
| 3            | 18                | 1.000            | 858.000  | 62            | YES             |         |
| 4            | 20                | 1.000            | 898.000  | 59            | YES             |         |
| 5            | 4                 | 1.000            | 578.000  | 92            | YES             |         |
| 6            | 1                 | 1.000            | 518.000  | 102           | YES             |         |
| 7            | 6                 | 1.000            | 618.000  | 86            | YES             |         |
| 8            | 10                | 1.000            | 698.000  | 76            | YES             |         |
| 9            | 8                 | 1.000            | 658.000  | 81            | YES             |         |
| 10           | 47                | 1.000            | 2767.000 | 20            | YES             |         |
| 11           | 13                | 1.000            | 758.000  | 70            | YES             |         |
| 12           | 12                | 1.000            | 738.000  | 72            | YES             |         |
| 13           | 48                | 1.000            | 2864.000 | 19            | YES             |         |
| 14           | 33                | 1.000            | 1400.000 | 38            | YES             |         |
| 15           | 31                | 1.000            | 1205.000 | 44            | YES             |         |
| 16           | 25                | 1.000            | 620.000  | 86            | YES             |         |
| 17           | 37                | 1.000            | 1791.000 | 30            | YES             |         |
| 18           | 19                | 1.000            | 878.000  | 61            | YES             |         |
| 19           | 39                | 1.000            | 1986.000 | 27            | YES             |         |
| 20           | 40                | 1.000            | 2084.000 | 26            | YES             |         |
| 21           | 30                | 1.000            | 1108.000 | 48            | YES             |         |
| 22           | 16                | 1.000            | 818.000  | 65            | YES             |         |
| 23           | 28                | 1.000            | 912.000  | 58            | YES             |         |
| 24           | 27                | 1.000            | 815.000  | 65            | YES             |         |
| 25           | 24                | 1.000            | 522.000  | 102           | YES             |         |
| 26           | 41                | 1.000            | 2181.000 | 25            | YES             |         |
| 27           | 36                | 1.000            | 1693.000 | 32            | YES             |         |
| 28           | 43                | 1.000            | 2376.000 | 23            | YES             |         |
| 29           | 26                | 1.000            | 717.000  | 74            | No              |         |
| 30           | 34                | 1.000            | 1498.000 | 36            | YES             |         |

## Detailed Results for Radar Type 2

| Trial Number | Random Trial used | Pulse Width (μs) | PRI (μs) | No. of Pulses | Pulses Detected | Comment |
|--------------|-------------------|------------------|----------|---------------|-----------------|---------|
| 1            | 11                | 1.700            | 224.000  | 23            | YES             |         |
| 2            | 40                | 3.600            | 230.000  | 27            | YES             |         |
| 3            | 16                | 3.600            | 194.000  | 26            | YES             |         |
| 4            | 17                | 4.500            | 213.000  | 23            | YES             |         |
| 5            | 36                | 3.200            | 200.000  | 28            | YES             |         |
| 6            | 46                | 3.000            | 191.000  | 28            | YES             |         |
| 7            | 47                | 3.400            | 213.000  | 27            | YES             |         |
| 8            | 19                | 2.000            | 200.000  | 25            | YES             |         |
| 9            | 5                 | 3.500            | 226.000  | 26            | YES             |         |
| 10           | 6                 | 3.700            | 161.000  | 26            | YES             |         |
| 11           | 15                | 2.200            | 180.000  | 29            | YES             |         |
| 12           | 26                | 3.700            | 217.000  | 28            | YES             |         |
| 13           | 29                | 4.100            | 189.000  | 26            | YES             |         |
| 14           | 7                 | 1.400            | 185.000  | 27            | No              |         |
| 15           | 10                | 1.200            | 175.000  | 26            | YES             |         |
| 16           | 45                | 3.200            | 227.000  | 29            | YES             |         |
| 17           | 13                | 2.200            | 193.000  | 24            | YES             |         |
| 18           | 39                | 4.900            | 163.000  | 23            | No              |         |
| 19           | 30                | 4.200            | 173.000  | 25            | YES             |         |
| 20           | 23                | 3.800            | 187.000  | 28            | YES             |         |
| 21           | 35                | 1.200            | 206.000  | 24            | YES             |         |
| 22           | 8                 | 2.600            | 175.000  | 26            | No              |         |
| 23           | 42                | 2.500            | 215.000  | 28            | YES             |         |
| 24           | 44                | 3.500            | 167.000  | 29            | YES             |         |
| 25           | 34                | 2.200            | 197.000  | 28            | YES             |         |
| 26           | 27                | 2.700            | 199.000  | 29            | YES             |         |
| 27           | 18                | 2.000            | 153.000  | 24            | YES             |         |
| 28           | 41                | 1.300            | 219.000  | 25            | YES             |         |
| 29           | 1                 | 3.400            | 168.000  | 25            | YES             |         |
| 30           | 49                | 1.800            | 159.000  | 25            | YES             |         |

### Detailed Results for Radar Type 3

| Trial Number | Random Trial used | Pulse Width (μs) | PRI (μs) | No. of Pulses | Pulses Detected | Comment |
|--------------|-------------------|------------------|----------|---------------|-----------------|---------|
| 1            | 2                 | 7.500            | 211.000  | 17            | YES             |         |
| 2            | 32                | 8.700            | 356.000  | 18            | YES             |         |
| 3            | 31                | 8.800            | 487.000  | 17            | YES             |         |
| 4            | 48                | 9.000            | 448.000  | 18            | YES             |         |
| 5            | 7                 | 6.500            | 466.000  | 17            | YES             |         |
| 6            | 19                | 9.600            | 336.000  | 18            | YES             |         |
| 7            | 42                | 8.600            | 493.000  | 17            | YES             |         |
| 8            | 14                | 6.600            | 455.000  | 16            | YES             |         |
| 9            | 20                | 8.200            | 272.000  | 18            | YES             |         |
| 10           | 28                | 9.800            | 316.000  | 17            | YES             |         |
| 11           | 44                | 7.100            | 457.000  | 16            | No              |         |
| 12           | 47                | 9.800            | 250.000  | 17            | YES             |         |
| 13           | 45                | 6.700            | 426.000  | 17            | No              |         |
| 14           | 36                | 9.800            | 494.000  | 17            | YES             |         |
| 15           | 46                | 8.500            | 349.000  | 17            | YES             |         |
| 16           | 4                 | 8.300            | 462.000  | 17            | YES             |         |
| 17           | 37                | 7.500            | 217.000  | 17            | YES             |         |
| 18           | 15                | 8.100            | 436.000  | 17            | YES             |         |
| 19           | 30                | 8.400            | 309.000  | 17            | YES             |         |
| 20           | 41                | 7.700            | 467.000  | 16            | YES             |         |
| 21           | 29                | 9.900            | 446.000  | 17            | YES             |         |
| 22           | 33                | 9.000            | 430.000  | 18            | YES             |         |
| 23           | 27                | 6.600            | 301.000  | 17            | YES             |         |
| 24           | 16                | 8.900            | 340.000  | 16            | YES             |         |
| 25           | 38                | 6.300            | 476.000  | 17            | YES             |         |
| 26           | 43                | 6.700            | 398.000  | 17            | YES             |         |
| 27           | 13                | 8.400            | 343.000  | 17            | YES             |         |
| 28           | 11                | 9.000            | 500.000  | 16            | YES             |         |
| 29           | 9                 | 6.300            | 454.000  | 17            | YES             |         |
| 30           | 12                | 8.000            | 463.000  | 17            | YES             |         |

## Detailed Results for Radar Type 4

| Trial Number | Random Trial used | Pulse Width (μs) | PRI (μs) | No. of Pulses | Pulses Detected | Comment |
|--------------|-------------------|------------------|----------|---------------|-----------------|---------|
| 1            | 31                | 14.400           | 266.000  | 14            | No              |         |
| 2            | 9                 | 13.300           | 254.000  | 14            | YES             |         |
| 3            | 20                | 12.300           | 438.000  | 13            | YES             |         |
| 4            | 7                 | 18.600           | 236.000  | 12            | YES             |         |
| 5            | 39                | 12.400           | 217.000  | 14            | No              |         |
| 6            | 11                | 14.900           | 223.000  | 12            | YES             |         |
| 7            | 43                | 15.800           | 410.000  | 15            | YES             |         |
| 8            | 32                | 12.600           | 293.000  | 15            | YES             |         |
| 9            | 23                | 18.300           | 265.000  | 14            | YES             |         |
| 10           | 28                | 13.000           | 309.000  | 14            | YES             |         |
| 11           | 13                | 16.000           | 485.000  | 14            | YES             |         |
| 12           | 37                | 18.100           | 200.000  | 15            | YES             |         |
| 13           | 42                | 18.500           | 208.000  | 14            | YES             |         |
| 14           | 36                | 12.500           | 413.000  | 14            | YES             |         |
| 15           | 44                | 17.900           | 458.000  | 14            | No              |         |
| 16           | 48                | 14.500           | 433.000  | 12            | YES             |         |
| 17           | 38                | 15.500           | 451.000  | 15            | YES             |         |
| 18           | 2                 | 19.900           | 428.000  | 12            | YES             |         |
| 19           | 24                | 18.100           | 397.000  | 14            | YES             |         |
| 20           | 46                | 15.300           | 488.000  | 14            | YES             |         |
| 21           | 15                | 14.700           | 324.000  | 13            | YES             |         |
| 22           | 10                | 14.200           | 351.000  | 12            | YES             |         |
| 23           | 49                | 11.100           | 396.000  | 13            | No              |         |
| 24           | 34                | 17.300           | 366.000  | 14            | YES             |         |
| 25           | 12                | 16.000           | 461.000  | 13            | YES             |         |
| 26           | 8                 | 14.100           | 283.000  | 15            | YES             |         |
| 27           | 17                | 17.100           | 308.000  | 15            | YES             |         |
| 28           | 21                | 11.700           | 483.000  | 16            | YES             |         |
| 29           | 5                 | 14.100           | 478.000  | 15            | YES             |         |
| 30           | 45                | 16.700           | 419.000  | 16            | YES             |         |

## Detailed Results for Radar Type 5

| Trial Number | Random Trial used | Pulses Detected | Comment                                                  |
|--------------|-------------------|-----------------|----------------------------------------------------------|
| 1            | 8                 | No              | For detailed burst Data see separate table Type5_Trial1  |
| 2            | 6                 | YES             | For detailed burst Data see separate table Type5_Trial2  |
| 3            | 21                | YES             | For detailed burst Data see separate table Type5_Trial3  |
| 4            | 14                | YES             | For detailed burst Data see separate table Type5_Trial4  |
| 5            | 44                | YES             | For detailed burst Data see separate table Type5_Trial5  |
| 6            | 18                | YES             | For detailed burst Data see separate table Type5_Trial6  |
| 7            | 31                | YES             | For detailed burst Data see separate table Type5_Trial7  |
| 8            | 34                | YES             | For detailed burst Data see separate table Type5_Trial8  |
| 9            | 29                | YES             | For detailed burst Data see separate table Type5_Trial9  |
| 10           | 16                | YES             | For detailed burst Data see separate table Type5_Trial10 |
| 11           | 47                | YES             | For detailed burst Data see separate table Type5_Trial11 |
| 12           | 38                | YES             | For detailed burst Data see separate table Type5_Trial12 |
| 13           | 3                 | YES             | For detailed burst Data see separate table Type5_Trial13 |
| 14           | 12                | YES             | For detailed burst Data see separate table Type5_Trial14 |
| 15           | 7                 | YES             | For detailed burst Data see separate table Type5_Trial15 |
| 16           | 37                | YES             | For detailed burst Data see separate table Type5_Trial16 |
| 17           | 35                | YES             | For detailed burst Data see separate table Type5_Trial17 |
| 18           | 13                | YES             | For detailed burst Data see separate table Type5_Trial18 |
| 19           | 11                | YES             | For detailed burst Data see separate table Type5_Trial19 |
| 20           | 15                | YES             | For detailed burst Data see separate table Type5_Trial20 |
| 21           | 48                | YES             | For detailed burst Data see separate table Type5_Trial21 |
| 22           | 19                | YES             | For detailed burst Data see separate table Type5_Trial22 |
| 23           | 39                | YES             | For detailed burst Data see separate table Type5_Trial23 |
| 24           | 40                | YES             | For detailed burst Data see separate table Type5_Trial24 |
| 25           | 10                | YES             | For detailed burst Data see separate table Type5_Trial25 |
| 26           | 28                | YES             | For detailed burst Data see separate table Type5_Trial26 |
| 27           | 26                | YES             | For detailed burst Data see separate table Type5_Trial27 |
| 28           | 17                | YES             | For detailed burst Data see separate table Type5_Trial28 |
| 29           | 25                | YES             | For detailed burst Data see separate table Type5_Trial29 |
| 30           | 42                | YES             | For detailed burst Data see separate table Type5_Trial30 |

## Detailed Results for Radar Type 5\_Trial 1

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 93.000           | 5.000000          | 1554.000                  | 1785.000                  | 287.000                                |
| 2     | 1             | 83.900           | 5.000000          | ---                       | ---                       | 719.000                                |
| 3     | 1             | 58.600           | 5.000000          | ---                       | ---                       | 22.000                                 |
| 4     | 2             | 51.600           | 5.000000          | 1301.000                  | ---                       | 508.000                                |
| 5     | 2             | 86.000           | 5.000000          | 971.000                   | ---                       | 394.000                                |
| 6     | 2             | 52.400           | 5.000000          | 1014.000                  | ---                       | 126.000                                |
| 7     | 2             | 81.600           | 5.000000          | 1650.000                  | ---                       | 756.000                                |
| 8     | 2             | 73.500           | 5.000000          | 1428.000                  | ---                       | 653.000                                |
| 9     | 1             | 58.900           | 5.000000          | ---                       | ---                       | 761.000                                |
| 10    | 1             | 93.500           | 5.000000          | ---                       | ---                       | 118.000                                |
| 11    | 2             | 90.600           | 5.000000          | 1774.000                  | ---                       | 108.000                                |
| 12    | 2             | 58.400           | 5.000000          | 1448.000                  | ---                       | 740.000                                |
| 13    | 2             | 89.100           | 5.000000          | 1406.000                  | ---                       | 689.000                                |
| 14    | 2             | 73.900           | 5.000000          | 1071.000                  | ---                       | 160.000                                |
| 15    | 1             | 61.700           | 5.000000          | ---                       | ---                       | 172.000                                |

## Detailed Results for Radar Type 5\_Trial 2

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 85.200           | 14.000000         | ---                       | ---                       | 99.000                                 |
| 2     | 3             | 59.000           | 14.000000         | 1887.000                  | 1086.000                  | 687.000                                |
| 3     | 1             | 51.000           | 14.000000         | ---                       | ---                       | 381.000                                |
| 4     | 2             | 84.800           | 14.000000         | 1906.000                  | ---                       | 520.000                                |
| 5     | 3             | 83.200           | 14.000000         | 1466.000                  | 1170.000                  | 910.000                                |
| 6     | 3             | 92.300           | 14.000000         | 977.000                   | 1255.000                  | 1.000                                  |
| 7     | 2             | 59.400           | 14.000000         | 1674.000                  | ---                       | 732.000                                |
| 8     | 2             | 90.700           | 14.000000         | 1058.000                  | ---                       | 642.000                                |
| 9     | 3             | 93.100           | 14.000000         | 961.000                   | 934.000                   | 359.000                                |
| 10    | 3             | 74.900           | 14.000000         | 1673.000                  | 1639.000                  | 602.000                                |
| 11    | 2             | 90.800           | 14.000000         | 1227.000                  | ---                       | 430.000                                |
| 12    | 3             | 58.500           | 14.000000         | 1625.000                  | 1374.000                  | 10.000                                 |
| 13    | 1             | 57.700           | 14.000000         | ---                       | ---                       | 804.000                                |

### Detailed Results for Radar Type 5\_Trial 3

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 66.400           | 15.000000         | 1599.000                  | 1875.000                  | 190.000                                |
| 2     | 1             | 73.600           | 15.000000         | ---                       | ---                       | 165.000                                |
| 3     | 2             | 55.200           | 15.000000         | 1726.000                  | ---                       | 332.000                                |
| 4     | 2             | 62.700           | 15.000000         | 1752.000                  | ---                       | 117.000                                |
| 5     | 3             | 50.600           | 15.000000         | 1523.000                  | 1052.000                  | 572.000                                |
| 6     | 2             | 57.800           | 15.000000         | 944.000                   | ---                       | 746.000                                |
| 7     | 3             | 98.000           | 15.000000         | 1343.000                  | 1215.000                  | 147.000                                |
| 8     | 2             | 82.800           | 15.000000         | 1182.000                  | ---                       | 30.000                                 |
| 9     | 2             | 62.900           | 15.000000         | 1549.000                  | ---                       | 395.000                                |
| 10    | 2             | 50.700           | 15.000000         | 1196.000                  | ---                       | 333.000                                |
| 11    | 3             | 69.200           | 15.000000         | 1106.000                  | 1036.000                  | 388.000                                |
| 12    | 3             | 60.900           | 15.000000         | 1175.000                  | 1183.000                  | 612.000                                |
| 13    | 2             | 78.500           | 15.000000         | 1908.000                  | ---                       | 125.000                                |
| 14    | 2             | 67.800           | 15.000000         | 1667.000                  | ---                       | 502.000                                |
| 15    | 2             | 58.000           | 15.000000         | 1869.000                  | ---                       | 224.000                                |

## Detailed Results for Radar Type 5\_Trial 4

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 86.900           | 18.000000         | 1072.000                  | 1743.000                  | 270.000                                |
| 2     | 3             | 81.200           | 18.000000         | 1473.000                  | 1232.000                  | 993.000                                |
| 3     | 3             | 100.000          | 18.000000         | 1838.000                  | 1883.000                  | 1083.000                               |
| 4     | 1             | 65.400           | 18.000000         | ---                       | ---                       | 815.000                                |
| 5     | 3             | 80.200           | 18.000000         | 1355.000                  | 1538.000                  | 799.000                                |
| 6     | 3             | 96.500           | 18.000000         | 1759.000                  | 1784.000                  | 72.000                                 |
| 7     | 3             | 80.300           | 18.000000         | 1386.000                  | 1646.000                  | 426.000                                |
| 8     | 2             | 81.600           | 18.000000         | 1787.000                  | ---                       | 878.000                                |

## Detailed Results for Radar Type 5\_Trial 5

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 75.600           | 14.000000         | 1717.000                  | 1819.000                  | 814.000                                |
| 2     | 2             | 87.500           | 14.000000         | 1850.000                  | ---                       | 108.000                                |
| 3     | 1             | 69.100           | 14.000000         | ---                       | ---                       | 310.000                                |
| 4     | 2             | 55.800           | 14.000000         | 972.000                   | ---                       | 0.000                                  |
| 5     | 1             | 90.600           | 14.000000         | ---                       | ---                       | 277.000                                |
| 6     | 2             | 87.800           | 14.000000         | 1808.000                  | ---                       | 20.000                                 |
| 7     | 1             | 74.000           | 14.000000         | ---                       | ---                       | 35.000                                 |
| 8     | 3             | 94.800           | 14.000000         | 1120.000                  | 938.000                   | 554.000                                |
| 9     | 2             | 57.200           | 14.000000         | 1619.000                  | ---                       | 141.000                                |
| 10    | 1             | 56.000           | 14.000000         | ---                       | ---                       | 595.000                                |
| 11    | 2             | 99.500           | 14.000000         | 1143.000                  | ---                       | 262.000                                |
| 12    | 2             | 66.500           | 14.000000         | 1675.000                  | ---                       | 557.000                                |

## Detailed Results for Radar Type 5\_Trial 6

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 93.600           | 5.000000          | ---                       | ---                       | 12.000                                 |
| 2     | 3             | 75.700           | 5.000000          | 1082.000                  | 1831.000                  | 391.000                                |
| 3     | 1             | 78.600           | 5.000000          | ---                       | ---                       | 945.000                                |
| 4     | 3             | 97.800           | 5.000000          | 1410.000                  | 1227.000                  | 166.000                                |
| 5     | 2             | 90.700           | 5.000000          | 1124.000                  | ---                       | 67.000                                 |
| 6     | 2             | 98.300           | 5.000000          | 1313.000                  | ---                       | 512.000                                |
| 7     | 3             | 72.800           | 5.000000          | 1011.000                  | 1020.000                  | 645.000                                |
| 8     | 3             | 73.700           | 5.000000          | 1726.000                  | 1553.000                  | 442.000                                |
| 9     | 1             | 90.200           | 5.000000          | ---                       | ---                       | 22.000                                 |
| 10    | 1             | 62.700           | 5.000000          | ---                       | ---                       | 746.000                                |
| 11    | 3             | 83.300           | 5.000000          | 1501.000                  | 1874.000                  | 837.000                                |
| 12    | 3             | 80.000           | 5.000000          | 1591.000                  | 1770.000                  | 458.000                                |

## Detailed Results for Radar Type 5\_Trial 7

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 78.100           | 10.000000         | 1102.000                  | ---                       | 160.000                                |
| 2     | 2             | 51.400           | 10.000000         | 957.000                   | ---                       | 633.000                                |
| 3     | 3             | 85.200           | 10.000000         | 1076.000                  | 1386.000                  | 363.000                                |
| 4     | 1             | 96.300           | 10.000000         | ---                       | ---                       | 992.000                                |
| 5     | 1             | 67.200           | 10.000000         | ---                       | ---                       | 751.000                                |
| 6     | 3             | 68.900           | 10.000000         | 1284.000                  | 1725.000                  | 149.000                                |
| 7     | 2             | 75.900           | 10.000000         | 958.000                   | ---                       | 690.000                                |
| 8     | 2             | 87.000           | 10.000000         | 1715.000                  | ---                       | 512.000                                |
| 9     | 1             | 88.500           | 10.000000         | ---                       | ---                       | 611.000                                |
| 10    | 3             | 61.000           | 10.000000         | 1333.000                  | 1179.000                  | 361.000                                |
| 11    | 1             | 57.000           | 10.000000         | ---                       | ---                       | 214.000                                |
| 12    | 2             | 55.900           | 10.000000         | 1656.000                  | ---                       | 643.000                                |

## Detailed Results for Radar Type 5\_Trial 8

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 68.600           | 13.000000         | 1614.000                  | ---                       | 278.000                                |
| 2     | 3             | 78.700           | 13.000000         | 1230.000                  | 1429.000                  | 455.000                                |
| 3     | 2             | 72.000           | 13.000000         | 1581.000                  | ---                       | 173.000                                |
| 4     | 2             | 75.600           | 13.000000         | 977.000                   | ---                       | 212.000                                |
| 5     | 2             | 65.500           | 13.000000         | 1725.000                  | ---                       | 589.000                                |
| 6     | 2             | 55.000           | 13.000000         | 1600.000                  | ---                       | 3.000                                  |
| 7     | 1             | 57.000           | 13.000000         | ---                       | ---                       | 642.000                                |
| 8     | 2             | 70.100           | 13.000000         | 1454.000                  | ---                       | 556.000                                |
| 9     | 2             | 52.700           | 13.000000         | 1212.000                  | ---                       | 448.000                                |
| 10    | 3             | 61.200           | 13.000000         | 1845.000                  | 1035.000                  | 543.000                                |
| 11    | 2             | 98.000           | 13.000000         | 1740.000                  | ---                       | 298.000                                |
| 12    | 2             | 56.300           | 13.000000         | 1488.000                  | ---                       | 3.000                                  |
| 13    | 3             | 74.200           | 13.000000         | 1454.000                  | 1697.000                  | 589.000                                |
| 14    | 1             | 91.600           | 13.000000         | ---                       | ---                       | 282.000                                |
| 15    | 3             | 70.600           | 13.000000         | 1578.000                  | 1218.000                  | 414.000                                |

## Detailed Results for Radar Type 5\_Trial 9

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 77.400           | 20.000000         | 1666.000                  | ---                       | 613.000                                |
| 2     | 3             | 99.600           | 20.000000         | 1128.000                  | 1195.000                  | 1083.000                               |
| 3     | 3             | 95.100           | 20.000000         | 1506.000                  | 1563.000                  | 362.000                                |
| 4     | 1             | 84.300           | 20.000000         | ---                       | ---                       | 319.000                                |
| 5     | 3             | 88.900           | 20.000000         | 1568.000                  | 1152.000                  | 604.000                                |
| 6     | 2             | 69.200           | 20.000000         | 995.000                   | ---                       | 451.000                                |
| 7     | 2             | 81.400           | 20.000000         | 1689.000                  | ---                       | 791.000                                |
| 8     | 2             | 88.500           | 20.000000         | 1286.000                  | ---                       | 359.000                                |
| 9     | 3             | 70.600           | 20.000000         | 1189.000                  | 1825.000                  | 241.000                                |
| 10    | 3             | 56.000           | 20.000000         | 1217.000                  | 1783.000                  | 317.000                                |

## Detailed Results for Radar Type 5\_Trial 10

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 53.400           | 13.000000         | 1343.000                  | 1742.000                  | 651.000                                |
| 2     | 1             | 57.300           | 13.000000         | ---                       | ---                       | 857.000                                |
| 3     | 1             | 61.900           | 13.000000         | ---                       | ---                       | 567.000                                |
| 4     | 3             | 60.500           | 13.000000         | 1355.000                  | 1499.000                  | 847.000                                |
| 5     | 1             | 62.000           | 13.000000         | ---                       | ---                       | 1014.000                               |
| 6     | 2             | 94.800           | 13.000000         | 1584.000                  | ---                       | 512.000                                |
| 7     | 1             | 64.300           | 13.000000         | ---                       | ---                       | 992.000                                |
| 8     | 3             | 93.200           | 13.000000         | 1157.000                  | 1861.000                  | 285.000                                |
| 9     | 3             | 56.000           | 13.000000         | 1813.000                  | 1900.000                  | 1189.000                               |
| 10    | 2             | 79.100           | 13.000000         | 1234.000                  | ---                       | 1006.000                               |

## Detailed Results for Radar Type 5\_Trial 11

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 53.000           | 16.000000         | 1731.000                  | 1776.000                  | 102.000                                |
| 2     | 2             | 61.000           | 16.000000         | 988.000                   | ---                       | 570.000                                |
| 3     | 1             | 59.900           | 16.000000         | ---                       | ---                       | 566.000                                |
| 4     | 1             | 85.500           | 16.000000         | ---                       | ---                       | 213.000                                |
| 5     | 3             | 94.800           | 16.000000         | 1100.000                  | 1674.000                  | 103.000                                |
| 6     | 3             | 81.600           | 16.000000         | 979.000                   | 1275.000                  | 44.000                                 |
| 7     | 1             | 57.300           | 16.000000         | ---                       | ---                       | 498.000                                |
| 8     | 2             | 93.800           | 16.000000         | 999.000                   | ---                       | 772.000                                |
| 9     | 2             | 75.100           | 16.000000         | 1593.000                  | ---                       | 686.000                                |
| 10    | 3             | 96.400           | 16.000000         | 1515.000                  | 1372.000                  | 320.000                                |
| 11    | 2             | 59.600           | 16.000000         | 1224.000                  | ---                       | 9.000                                  |
| 12    | 2             | 69.600           | 16.000000         | 1553.000                  | ---                       | 192.000                                |
| 13    | 1             | 84.300           | 16.000000         | ---                       | ---                       | 102.000                                |
| 14    | 3             | 70.600           | 16.000000         | 1234.000                  | 961.000                   | 644.000                                |
| 15    | 1             | 97.700           | 16.000000         | ---                       | ---                       | 436.000                                |

## Detailed Results for Radar Type 5\_Trial 12

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 79.600           | 17.000000         | 1029.000                  | ---                       | 270.000                                |
| 2     | 1             | 90.200           | 17.000000         | ---                       | ---                       | 580.000                                |
| 3     | 3             | 66.100           | 17.000000         | 1312.000                  | 1766.000                  | 86.000                                 |
| 4     | 1             | 95.200           | 17.000000         | ---                       | ---                       | 92.000                                 |
| 5     | 2             | 76.300           | 17.000000         | 1238.000                  | ---                       | 368.000                                |
| 6     | 2             | 75.800           | 17.000000         | 1106.000                  | ---                       | 165.000                                |
| 7     | 3             | 50.700           | 17.000000         | 1312.000                  | 1580.000                  | 377.000                                |
| 8     | 3             | 56.300           | 17.000000         | 1837.000                  | 1154.000                  | 323.000                                |
| 9     | 3             | 56.100           | 17.000000         | 1061.000                  | 1394.000                  | 400.000                                |
| 10    | 3             | 81.200           | 17.000000         | 1582.000                  | 1379.000                  | 405.000                                |
| 11    | 2             | 89.700           | 17.000000         | 1845.000                  | ---                       | 506.000                                |
| 12    | 1             | 97.800           | 17.000000         | ---                       | ---                       | 331.000                                |
| 13    | 1             | 75.700           | 17.000000         | ---                       | ---                       | 430.000                                |
| 14    | 3             | 50.200           | 17.000000         | 1237.000                  | 1653.000                  | 544.000                                |
| 15    | 2             | 52.000           | 17.000000         | 1729.000                  | ---                       | 339.000                                |
| 16    | 2             | 69.400           | 17.000000         | 1603.000                  | ---                       | 44.000                                 |
| 17    | 2             | 67.500           | 17.000000         | 1168.000                  | ---                       | 521.000                                |
| 18    | 2             | 98.100           | 17.000000         | 958.000                   | ---                       | 384.000                                |
| 19    | 3             | 63.600           | 17.000000         | 1260.000                  | 1640.000                  | 194.000                                |

## Detailed Results for Radar Type 5\_Trial 13

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 54.600           | 13.000000         | 1482.000                  | ---                       | 997.000                                |
| 2     | 3             | 58.000           | 13.000000         | 1111.000                  | 999.000                   | 712.000                                |
| 3     | 3             | 63.400           | 13.000000         | 1268.000                  | 1709.000                  | 269.000                                |
| 4     | 3             | 67.400           | 13.000000         | 1035.000                  | 1498.000                  | 377.000                                |
| 5     | 3             | 70.200           | 13.000000         | 1122.000                  | 999.000                   | 381.000                                |
| 6     | 1             | 92.500           | 13.000000         | ---                       | ---                       | 942.000                                |
| 7     | 3             | 63.900           | 13.000000         | 1233.000                  | 1239.000                  | 49.000                                 |
| 8     | 1             | 67.700           | 13.000000         | ---                       | ---                       | 121.000                                |
| 9     | 2             | 74.700           | 13.000000         | 1791.000                  | ---                       | 596.000                                |
| 10    | 2             | 98.000           | 13.000000         | 1740.000                  | ---                       | 602.000                                |

## Detailed Results for Radar Type 5\_Trial 14

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 80.800           | 17.000000         | 1865.000                  | ---                       | 407.000                                |
| 2     | 2             | 65.200           | 17.000000         | 1617.000                  | ---                       | 541.000                                |
| 3     | 2             | 55.500           | 17.000000         | 1012.000                  | ---                       | 474.000                                |
| 4     | 2             | 97.400           | 17.000000         | 1402.000                  | ---                       | 157.000                                |
| 5     | 2             | 70.500           | 17.000000         | 1522.000                  | ---                       | 531.000                                |
| 6     | 2             | 84.400           | 17.000000         | 1207.000                  | ---                       | 573.000                                |
| 7     | 3             | 86.000           | 17.000000         | 1566.000                  | 1277.000                  | 121.000                                |
| 8     | 2             | 76.800           | 17.000000         | 1481.000                  | ---                       | 136.000                                |
| 9     | 2             | 87.400           | 17.000000         | 993.000                   | ---                       | 227.000                                |
| 10    | 2             | 56.300           | 17.000000         | 1384.000                  | ---                       | 27.000                                 |
| 11    | 3             | 86.700           | 17.000000         | 920.000                   | 1181.000                  | 224.000                                |
| 12    | 3             | 81.000           | 17.000000         | 959.000                   | 1111.000                  | 506.000                                |
| 13    | 2             | 50.500           | 17.000000         | 1891.000                  | ---                       | 173.000                                |
| 14    | 2             | 92.000           | 17.000000         | 1263.000                  | ---                       | 553.000                                |
| 15    | 2             | 62.200           | 17.000000         | 1469.000                  | ---                       | 311.000                                |
| 16    | 2             | 69.400           | 17.000000         | 1007.000                  | ---                       | 332.000                                |
| 17    | 3             | 65.600           | 17.000000         | 1335.000                  | 1823.000                  | 519.000                                |
| 18    | 2             | 70.300           | 17.000000         | 1590.000                  | ---                       | 96.000                                 |
| 19    | 3             | 78.100           | 17.000000         | 1361.000                  | 1775.000                  | 12.000                                 |

## Detailed Results for Radar Type 5\_Trial 15

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 76.300           | 6.000000          | 1673.000                  | 1870.000                  | 757.000                                |
| 2     | 1             | 85.600           | 6.000000          | ---                       | ---                       | 712.000                                |
| 3     | 2             | 87.400           | 6.000000          | 1495.000                  | ---                       | 427.000                                |
| 4     | 2             | 67.800           | 6.000000          | 1430.000                  | ---                       | 153.000                                |
| 5     | 1             | 80.900           | 6.000000          | ---                       | ---                       | 197.000                                |
| 6     | 1             | 80.300           | 6.000000          | ---                       | ---                       | 160.000                                |
| 7     | 3             | 86.500           | 6.000000          | 1329.000                  | 1212.000                  | 509.000                                |
| 8     | 1             | 96.300           | 6.000000          | ---                       | ---                       | 828.000                                |
| 9     | 1             | 80.800           | 6.000000          | ---                       | ---                       | 306.000                                |
| 10    | 2             | 74.900           | 6.000000          | 1636.000                  | ---                       | 609.000                                |
| 11    | 3             | 60.400           | 6.000000          | 1278.000                  | 1394.000                  | 269.000                                |
| 12    | 3             | 57.300           | 6.000000          | 1719.000                  | 999.000                   | 826.000                                |
| 13    | 2             | 64.800           | 6.000000          | 1378.000                  | ---                       | 41.000                                 |
| 14    | 2             | 66.600           | 6.000000          | 933.000                   | ---                       | 631.000                                |

## Detailed Results for Radar Type 5\_Trial 16

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 84.500           | 5.000000          | ---                       | ---                       | 77.000                                 |
| 2     | 2             | 85.100           | 5.000000          | 1049.000                  | ---                       | 561.000                                |
| 3     | 2             | 77.500           | 5.000000          | 1012.000                  | ---                       | 322.000                                |
| 4     | 2             | 95.300           | 5.000000          | 1524.000                  | ---                       | 591.000                                |
| 5     | 2             | 69.000           | 5.000000          | 1447.000                  | ---                       | 479.000                                |
| 6     | 2             | 65.200           | 5.000000          | 1574.000                  | ---                       | 177.000                                |
| 7     | 3             | 77.400           | 5.000000          | 1446.000                  | 1628.000                  | 4.000                                  |
| 8     | 2             | 58.000           | 5.000000          | 1737.000                  | ---                       | 631.000                                |
| 9     | 3             | 58.500           | 5.000000          | 1714.000                  | 1626.000                  | 330.000                                |
| 10    | 1             | 98.600           | 5.000000          | ---                       | ---                       | 508.000                                |
| 11    | 1             | 73.900           | 5.000000          | ---                       | ---                       | 27.000                                 |
| 12    | 1             | 67.700           | 5.000000          | ---                       | ---                       | 157.000                                |
| 13    | 1             | 99.000           | 5.000000          | ---                       | ---                       | 313.000                                |
| 14    | 2             | 76.800           | 5.000000          | 1232.000                  | ---                       | 429.000                                |
| 15    | 2             | 89.900           | 5.000000          | 1618.000                  | ---                       | 574.000                                |
| 16    | 3             | 88.000           | 5.000000          | 1587.000                  | 1221.000                  | 326.000                                |
| 17    | 1             | 55.100           | 5.000000          | ---                       | ---                       | 550.000                                |
| 18    | 3             | 93.900           | 5.000000          | 930.000                   | 1084.000                  | 275.000                                |

## Detailed Results for Radar Type 5\_Trial 17

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 52.100           | 18.000000         | 1215.000                  | ---                       | 17.000                                 |
| 2     | 3             | 99.800           | 18.000000         | 1736.000                  | 1673.000                  | 148.000                                |
| 3     | 2             | 53.200           | 18.000000         | 1233.000                  | ---                       | 12.000                                 |
| 4     | 1             | 87.200           | 18.000000         | ---                       | ---                       | 540.000                                |
| 5     | 2             | 75.200           | 18.000000         | 975.000                   | ---                       | 618.000                                |
| 6     | 3             | 63.600           | 18.000000         | 1614.000                  | 1448.000                  | 732.000                                |
| 7     | 2             | 61.200           | 18.000000         | 1118.000                  | ---                       | 137.000                                |
| 8     | 2             | 86.400           | 18.000000         | 1014.000                  | ---                       | 331.000                                |
| 9     | 2             | 79.400           | 18.000000         | 1910.000                  | ---                       | 737.000                                |
| 10    | 2             | 84.300           | 18.000000         | 1126.000                  | ---                       | 48.000                                 |
| 11    | 2             | 81.500           | 18.000000         | 1345.000                  | ---                       | 288.000                                |
| 12    | 3             | 81.300           | 18.000000         | 1810.000                  | 952.000                   | 529.000                                |
| 13    | 2             | 94.900           | 18.000000         | 1306.000                  | ---                       | 612.000                                |
| 14    | 3             | 69.600           | 18.000000         | 1632.000                  | 1730.000                  | 692.000                                |
| 15    | 3             | 73.300           | 18.000000         | 1015.000                  | 1552.000                  | 317.000                                |
| 16    | 3             | 93.100           | 18.000000         | 1179.000                  | 1533.000                  | 7.000                                  |

## Detailed Results for Radar Type 5\_Trial 18

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 51.100           | 19.000000         | ---                       | ---                       | 551.000                                |
| 2     | 2             | 85.100           | 19.000000         | 1734.000                  | ---                       | 404.000                                |
| 3     | 3             | 52.100           | 19.000000         | 1720.000                  | 1874.000                  | 512.000                                |
| 4     | 1             | 74.000           | 19.000000         | ---                       | ---                       | 40.000                                 |
| 5     | 2             | 52.100           | 19.000000         | 1849.000                  | ---                       | 96.000                                 |
| 6     | 2             | 76.700           | 19.000000         | 1657.000                  | ---                       | 349.000                                |
| 7     | 1             | 55.400           | 19.000000         | ---                       | ---                       | 91.000                                 |
| 8     | 3             | 81.200           | 19.000000         | 1796.000                  | 1552.000                  | 89.000                                 |
| 9     | 2             | 60.900           | 19.000000         | 1713.000                  | ---                       | 57.000                                 |
| 10    | 2             | 57.100           | 19.000000         | 1611.000                  | ---                       | 530.000                                |
| 11    | 2             | 50.100           | 19.000000         | 1364.000                  | ---                       | 248.000                                |
| 12    | 1             | 89.400           | 19.000000         | ---                       | ---                       | 296.000                                |
| 13    | 3             | 64.500           | 19.000000         | 1437.000                  | 1500.000                  | 469.000                                |
| 14    | 2             | 72.500           | 19.000000         | 1415.000                  | ---                       | 437.000                                |
| 15    | 3             | 72.200           | 19.000000         | 1705.000                  | 1577.000                  | 554.000                                |
| 16    | 2             | 87.800           | 19.000000         | 1175.000                  | ---                       | 48.000                                 |
| 17    | 2             | 91.300           | 19.000000         | 1613.000                  | ---                       | 537.000                                |
| 18    | 2             | 65.400           | 19.000000         | 1307.000                  | ---                       | 194.000                                |
| 19    | 1             | 56.300           | 19.000000         | ---                       | ---                       | 276.000                                |
| 20    | 2             | 68.900           | 19.000000         | 1611.000                  | ---                       | 430.000                                |

## Detailed Results for Radar Type 5\_Trial 19

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 61.700           | 11.000000         | 1264.000                  | 1572.000                  | 640.000                                |
| 2     | 3             | 82.600           | 11.000000         | 923.000                   | 1387.000                  | 439.000                                |
| 3     | 2             | 74.800           | 11.000000         | 1230.000                  | ---                       | 16.000                                 |
| 4     | 2             | 77.700           | 11.000000         | 1544.000                  | ---                       | 613.000                                |
| 5     | 1             | 80.400           | 11.000000         | ---                       | ---                       | 213.000                                |
| 6     | 3             | 88.700           | 11.000000         | 1316.000                  | 1461.000                  | 568.000                                |
| 7     | 3             | 78.100           | 11.000000         | 1065.000                  | 1167.000                  | 387.000                                |
| 8     | 2             | 56.600           | 11.000000         | 1454.000                  | ---                       | 647.000                                |
| 9     | 1             | 63.600           | 11.000000         | ---                       | ---                       | 285.000                                |
| 10    | 2             | 73.100           | 11.000000         | 1369.000                  | ---                       | 189.000                                |
| 11    | 2             | 67.900           | 11.000000         | 994.000                   | ---                       | 165.000                                |
| 12    | 2             | 76.500           | 11.000000         | 1164.000                  | ---                       | 480.000                                |
| 13    | 1             | 63.700           | 11.000000         | ---                       | ---                       | 28.000                                 |
| 14    | 2             | 70.100           | 11.000000         | 1823.000                  | ---                       | 516.000                                |
| 15    | 2             | 90.400           | 11.000000         | 1694.000                  | ---                       | 561.000                                |
| 16    | 2             | 87.700           | 11.000000         | 1528.000                  | ---                       | 420.000                                |
| 17    | 3             | 77.700           | 11.000000         | 1339.000                  | 1407.000                  | 61.000                                 |
| 18    | 1             | 81.300           | 11.000000         | ---                       | ---                       | 67.000                                 |

## Detailed Results for Radar Type 5\_Trial 20

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 50.800           | 18.000000         | 1595.000                  | ---                       | 21.000                                 |
| 2     | 2             | 52.000           | 18.000000         | 1563.000                  | ---                       | 729.000                                |
| 3     | 2             | 58.800           | 18.000000         | 1384.000                  | ---                       | 15.000                                 |
| 4     | 2             | 79.700           | 18.000000         | 979.000                   | ---                       | 261.000                                |
| 5     | 1             | 69.500           | 18.000000         | ---                       | ---                       | 533.000                                |
| 6     | 2             | 98.900           | 18.000000         | 1015.000                  | ---                       | 493.000                                |
| 7     | 2             | 82.800           | 18.000000         | 1634.000                  | ---                       | 218.000                                |
| 8     | 1             | 70.100           | 18.000000         | ---                       | ---                       | 1102.000                               |
| 9     | 2             | 89.200           | 18.000000         | 1357.000                  | ---                       | 524.000                                |

## Detailed Results for Radar Type 5\_Trial 21

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 97.900           | 7.000000          | 1124.000                  | ---                       | 368.000                                |
| 2     | 2             | 94.200           | 7.000000          | 1097.000                  | ---                       | 363.000                                |
| 3     | 2             | 95.600           | 7.000000          | 1706.000                  | ---                       | 338.000                                |
| 4     | 3             | 60.700           | 7.000000          | 1726.000                  | 1788.000                  | 628.000                                |
| 5     | 2             | 79.600           | 7.000000          | 921.000                   | ---                       | 352.000                                |
| 6     | 2             | 55.700           | 7.000000          | 1463.000                  | ---                       | 71.000                                 |
| 7     | 2             | 92.300           | 7.000000          | 1486.000                  | ---                       | 208.000                                |
| 8     | 3             | 59.600           | 7.000000          | 1550.000                  | 1830.000                  | 605.000                                |
| 9     | 2             | 95.900           | 7.000000          | 1529.000                  | ---                       | 727.000                                |
| 10    | 2             | 87.500           | 7.000000          | 1521.000                  | ---                       | 637.000                                |
| 11    | 3             | 81.100           | 7.000000          | 961.000                   | 1815.000                  | 593.000                                |
| 12    | 3             | 93.000           | 7.000000          | 1246.000                  | 1717.000                  | 400.000                                |
| 13    | 3             | 62.500           | 7.000000          | 1219.000                  | 1563.000                  | 742.000                                |
| 14    | 1             | 70.400           | 7.000000          | ---                       | ---                       | 627.000                                |
| 15    | 2             | 63.400           | 7.000000          | 1345.000                  | ---                       | 439.000                                |
| 16    | 1             | 78.000           | 7.000000          | ---                       | ---                       | 663.000                                |

## Detailed Results for Radar Type 5\_Trial 22

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 80.100           | 9.000000          | ---                       | ---                       | 183.000                                |
| 2     | 2             | 59.600           | 9.000000          | 946.000                   | ---                       | 473.000                                |
| 3     | 2             | 89.000           | 9.000000          | 1573.000                  | ---                       | 426.000                                |
| 4     | 2             | 68.300           | 9.000000          | 1801.000                  | ---                       | 366.000                                |
| 5     | 1             | 89.400           | 9.000000          | ---                       | ---                       | 250.000                                |
| 6     | 2             | 64.000           | 9.000000          | 958.000                   | ---                       | 447.000                                |
| 7     | 2             | 82.200           | 9.000000          | 1272.000                  | ---                       | 585.000                                |
| 8     | 2             | 67.300           | 9.000000          | 1688.000                  | ---                       | 134.000                                |
| 9     | 2             | 52.500           | 9.000000          | 1696.000                  | ---                       | 264.000                                |
| 10    | 2             | 84.100           | 9.000000          | 1133.000                  | ---                       | 335.000                                |
| 11    | 2             | 53.000           | 9.000000          | 1374.000                  | ---                       | 890.000                                |
| 12    | 2             | 62.000           | 9.000000          | 1636.000                  | ---                       | 526.000                                |
| 13    | 3             | 96.100           | 9.000000          | 1660.000                  | 1103.000                  | 493.000                                |

## Detailed Results for Radar Type 5\_Trial 23

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 70.600           | 15.000000         | ---                       | ---                       | 302.000                                |
| 2     | 1             | 74.700           | 15.000000         | ---                       | ---                       | 299.000                                |
| 3     | 1             | 63.600           | 15.000000         | ---                       | ---                       | 82.000                                 |
| 4     | 2             | 52.100           | 15.000000         | 1812.000                  | ---                       | 536.000                                |
| 5     | 1             | 97.500           | 15.000000         | ---                       | ---                       | 395.000                                |
| 6     | 2             | 96.300           | 15.000000         | 1335.000                  | ---                       | 250.000                                |
| 7     | 3             | 70.800           | 15.000000         | 1052.000                  | 1243.000                  | 462.000                                |
| 8     | 3             | 59.600           | 15.000000         | 1059.000                  | 1550.000                  | 477.000                                |
| 9     | 3             | 99.200           | 15.000000         | 1633.000                  | 1572.000                  | 254.000                                |
| 10    | 1             | 53.300           | 15.000000         | ---                       | ---                       | 33.000                                 |
| 11    | 3             | 98.600           | 15.000000         | 1526.000                  | 1428.000                  | 564.000                                |
| 12    | 3             | 89.300           | 15.000000         | 1017.000                  | 1662.000                  | 221.000                                |
| 13    | 1             | 62.700           | 15.000000         | ---                       | ---                       | 248.000                                |
| 14    | 2             | 70.400           | 15.000000         | 1855.000                  | ---                       | 232.000                                |
| 15    | 3             | 61.400           | 15.000000         | 1444.000                  | 1073.000                  | 470.000                                |
| 16    | 1             | 76.000           | 15.000000         | ---                       | ---                       | 441.000                                |
| 17    | 2             | 90.800           | 15.000000         | 1164.000                  | ---                       | 195.000                                |
| 18    | 3             | 65.200           | 15.000000         | 1246.000                  | 1582.000                  | 246.000                                |
| 19    | 3             | 74.700           | 15.000000         | 928.000                   | 1671.000                  | 194.000                                |
| 20    | 2             | 75.100           | 15.000000         | 989.000                   | ---                       | 83.000                                 |

## Detailed Results for Radar Type 5\_Trial 24

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 57.400           | 6.000000          | 963.000                   | ---                       | 180.000                                |
| 2     | 2             | 93.600           | 6.000000          | 1584.000                  | ---                       | 459.000                                |
| 3     | 2             | 80.100           | 6.000000          | 1493.000                  | ---                       | 435.000                                |
| 4     | 1             | 64.100           | 6.000000          | ---                       | ---                       | 1256.000                               |
| 5     | 2             | 67.700           | 6.000000          | 1215.000                  | ---                       | 734.000                                |
| 6     | 1             | 96.500           | 6.000000          | ---                       | ---                       | 1281.000                               |
| 7     | 2             | 81.500           | 6.000000          | 974.000                   | ---                       | 1432.000                               |
| 8     | 2             | 66.800           | 6.000000          | 1558.000                  | ---                       | 92.000                                 |

## Detailed Results for Radar Type 5\_Trial 25

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 64.900           | 8.000000          | 1505.000                  | 942.000                   | 403.000                                |
| 2     | 2             | 74.300           | 8.000000          | 1789.000                  | ---                       | 177.000                                |
| 3     | 3             | 70.800           | 8.000000          | 1084.000                  | 1077.000                  | 477.000                                |
| 4     | 2             | 89.800           | 8.000000          | 1727.000                  | ---                       | 39.000                                 |
| 5     | 2             | 93.800           | 8.000000          | 1220.000                  | ---                       | 581.000                                |
| 6     | 3             | 71.300           | 8.000000          | 1699.000                  | 1079.000                  | 519.000                                |
| 7     | 2             | 73.200           | 8.000000          | 1306.000                  | ---                       | 9.000                                  |
| 8     | 2             | 78.200           | 8.000000          | 1010.000                  | ---                       | 72.000                                 |
| 9     | 3             | 65.600           | 8.000000          | 1443.000                  | 1201.000                  | 152.000                                |
| 10    | 2             | 80.300           | 8.000000          | 1521.000                  | ---                       | 187.000                                |
| 11    | 1             | 53.000           | 8.000000          | ---                       | ---                       | 669.000                                |
| 12    | 2             | 97.600           | 8.000000          | 1808.000                  | ---                       | 558.000                                |
| 13    | 2             | 69.000           | 8.000000          | 1583.000                  | ---                       | 502.000                                |
| 14    | 3             | 98.300           | 8.000000          | 1282.000                  | 1548.000                  | 356.000                                |
| 15    | 3             | 58.000           | 8.000000          | 1058.000                  | 1448.000                  | 179.000                                |
| 16    | 2             | 53.300           | 8.000000          | 993.000                   | ---                       | 253.000                                |
| 17    | 2             | 78.600           | 8.000000          | 1265.000                  | ---                       | 413.000                                |

## Detailed Results for Radar Type 5\_Trial 26

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 97.500           | 12.000000         | 1544.000                  | ---                       | 99.000                                 |
| 2     | 2             | 65.600           | 12.000000         | 1375.000                  | ---                       | 550.000                                |
| 3     | 1             | 68.300           | 12.000000         | ---                       | ---                       | 550.000                                |
| 4     | 3             | 50.300           | 12.000000         | 1878.000                  | 1651.000                  | 1131.000                               |
| 5     | 3             | 51.700           | 12.000000         | 975.000                   | 1518.000                  | 102.000                                |
| 6     | 3             | 57.200           | 12.000000         | 1700.000                  | 1447.000                  | 1041.000                               |
| 7     | 2             | 98.400           | 12.000000         | 1637.000                  | ---                       | 130.000                                |
| 8     | 3             | 58.900           | 12.000000         | 1602.000                  | 1161.000                  | 38.000                                 |
| 9     | 2             | 60.100           | 12.000000         | 984.000                   | ---                       | 333.000                                |

## Detailed Results for Radar Type 5\_Trial 27

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 56.900           | 7.000000          | 1444.000                  | 967.000                   | 453.000                                |
| 2     | 3             | 59.600           | 7.000000          | 1787.000                  | 1144.000                  | 206.000                                |
| 3     | 3             | 95.100           | 7.000000          | 1708.000                  | 1109.000                  | 579.000                                |
| 4     | 1             | 90.100           | 7.000000          | ---                       | ---                       | 554.000                                |
| 5     | 1             | 81.600           | 7.000000          | ---                       | ---                       | 140.000                                |
| 6     | 2             | 78.100           | 7.000000          | 1096.000                  | ---                       | 407.000                                |
| 7     | 1             | 99.000           | 7.000000          | ---                       | ---                       | 350.000                                |
| 8     | 3             | 81.300           | 7.000000          | 1461.000                  | 1547.000                  | 552.000                                |
| 9     | 2             | 54.900           | 7.000000          | 1737.000                  | ---                       | 501.000                                |
| 10    | 2             | 54.200           | 7.000000          | 1388.000                  | ---                       | 121.000                                |
| 11    | 2             | 86.200           | 7.000000          | 971.000                   | ---                       | 397.000                                |
| 12    | 2             | 79.100           | 7.000000          | 1117.000                  | ---                       | 318.000                                |
| 13    | 2             | 55.200           | 7.000000          | 1399.000                  | ---                       | 427.000                                |
| 14    | 1             | 57.800           | 7.000000          | ---                       | ---                       | 441.000                                |
| 15    | 2             | 56.500           | 7.000000          | 1323.000                  | ---                       | 397.000                                |
| 16    | 1             | 57.200           | 7.000000          | ---                       | ---                       | 435.000                                |
| 17    | 2             | 71.400           | 7.000000          | 989.000                   | ---                       | 500.000                                |
| 18    | 2             | 75.000           | 7.000000          | 1489.000                  | ---                       | 16.000                                 |
| 19    | 1             | 94.000           | 7.000000          | ---                       | ---                       | 44.000                                 |
| 20    | 3             | 72.700           | 7.000000          | 1153.000                  | 1688.000                  | 262.000                                |

## Detailed Results for Radar Type 5\_Trial 28

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 93.100           | 11.000000         | ---                       | ---                       | 422.000                                |
| 2     | 3             | 61.300           | 11.000000         | 1194.000                  | 1086.000                  | 738.000                                |
| 3     | 3             | 57.000           | 11.000000         | 1918.000                  | 1102.000                  | 523.000                                |
| 4     | 3             | 91.800           | 11.000000         | 1588.000                  | 1798.000                  | 874.000                                |
| 5     | 3             | 88.600           | 11.000000         | 1491.000                  | 1061.000                  | 748.000                                |
| 6     | 3             | 62.400           | 11.000000         | 1019.000                  | 1144.000                  | 525.000                                |
| 7     | 3             | 88.000           | 11.000000         | 1259.000                  | 1713.000                  | 641.000                                |
| 8     | 2             | 77.700           | 11.000000         | 1025.000                  | ---                       | 383.000                                |
| 9     | 1             | 51.800           | 11.000000         | ---                       | ---                       | 554.000                                |
| 10    | 1             | 55.900           | 11.000000         | ---                       | ---                       | 939.000                                |
| 11    | 3             | 63.700           | 11.000000         | 1503.000                  | 1789.000                  | 182.000                                |

## Detailed Results for Radar Type 5\_Trial 29

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 97.100           | 19.000000         | 1539.000                  | ---                       | 378.000                                |
| 2     | 2             | 62.500           | 19.000000         | 1931.000                  | ---                       | 586.000                                |
| 3     | 3             | 85.200           | 19.000000         | 1860.000                  | 942.000                   | 473.000                                |
| 4     | 2             | 57.800           | 19.000000         | 1401.000                  | ---                       | 394.000                                |
| 5     | 1             | 72.100           | 19.000000         | ---                       | ---                       | 254.000                                |
| 6     | 1             | 92.700           | 19.000000         | ---                       | ---                       | 242.000                                |
| 7     | 2             | 56.200           | 19.000000         | 1405.000                  | ---                       | 411.000                                |
| 8     | 3             | 54.300           | 19.000000         | 1382.000                  | 1712.000                  | 591.000                                |
| 9     | 3             | 88.200           | 19.000000         | 1026.000                  | 1680.000                  | 17.000                                 |
| 10    | 3             | 68.200           | 19.000000         | 1051.000                  | 1804.000                  | 269.000                                |
| 11    | 2             | 91.600           | 19.000000         | 1080.000                  | ---                       | 315.000                                |
| 12    | 2             | 94.700           | 19.000000         | 1056.000                  | ---                       | 501.000                                |
| 13    | 2             | 60.900           | 19.000000         | 1566.000                  | ---                       | 227.000                                |
| 14    | 2             | 57.700           | 19.000000         | 1345.000                  | ---                       | 332.000                                |
| 15    | 2             | 80.500           | 19.000000         | 1002.000                  | ---                       | 131.000                                |
| 16    | 1             | 78.700           | 19.000000         | ---                       | ---                       | 51.000                                 |
| 17    | 2             | 95.800           | 19.000000         | 1851.000                  | ---                       | 346.000                                |
| 18    | 3             | 74.500           | 19.000000         | 1430.000                  | 1097.000                  | 108.000                                |
| 19    | 3             | 65.700           | 19.000000         | 1155.000                  | 1430.000                  | 508.000                                |

## Detailed Results for Radar Type 5\_Trial 30

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 68.400           | 12.000000         | 1658.000                  | 1189.000                  | 811.000                                |
| 2     | 3             | 79.800           | 12.000000         | 1645.000                  | 1732.000                  | 1059.000                               |
| 3     | 1             | 86.100           | 12.000000         | ---                       | ---                       | 970.000                                |
| 4     | 1             | 83.200           | 12.000000         | ---                       | ---                       | 765.000                                |
| 5     | 1             | 97.500           | 12.000000         | ---                       | ---                       | 1117.000                               |
| 6     | 2             | 51.300           | 12.000000         | 1708.000                  | ---                       | 559.000                                |
| 7     | 3             | 77.900           | 12.000000         | 1276.000                  | 1521.000                  | 253.000                                |
| 8     | 3             | 80.800           | 12.000000         | 1804.000                  | 959.000                   | 563.000                                |
| 9     | 2             | 82.100           | 12.000000         | 1443.000                  | ---                       | 169.000                                |
| 10    | 3             | 65.000           | 12.000000         | 1848.000                  | 1035.000                  | 156.000                                |

## Detailed Results for Radar Type 6

| Trial Number | Pulse Width (μs) | PRI (μs) | No. of Pulses | Pulses Detected | Comment |
|--------------|------------------|----------|---------------|-----------------|---------|
| 1            | 1.000            | 300.000  | 9             | YES             |         |
| 2            | 1.000            | 300.000  | 9             | YES             |         |
| 3            | 1.000            | 300.000  | 9             | YES             |         |
| 4            | 1.000            | 300.000  | 9             | YES             |         |
| 5            | 1.000            | 300.000  | 9             | YES             |         |
| 6            | 1.000            | 300.000  | 9             | YES             |         |
| 7            | 1.000            | 300.000  | 9             | YES             |         |
| 8            | 1.000            | 300.000  | 9             | YES             |         |
| 9            | 1.000            | 300.000  | 9             | YES             |         |
| 10           | 1.000            | 300.000  | 9             | YES             |         |
| 11           | 1.000            | 300.000  | 9             | YES             |         |
| 12           | 1.000            | 300.000  | 9             | YES             |         |
| 13           | 1.000            | 300.000  | 9             | YES             |         |
| 14           | 1.000            | 300.000  | 9             | YES             |         |
| 15           | 1.000            | 300.000  | 9             | YES             |         |
| 16           | 1.000            | 300.000  | 9             | YES             |         |
| 17           | 1.000            | 300.000  | 9             | YES             |         |
| 18           | 1.000            | 300.000  | 9             | YES             |         |
| 19           | 1.000            | 300.000  | 9             | YES             |         |
| 20           | 1.000            | 300.000  | 9             | YES             |         |
| 21           | 1.000            | 300.000  | 9             | YES             |         |
| 22           | 1.000            | 300.000  | 9             | YES             |         |
| 23           | 1.000            | 300.000  | 9             | YES             |         |
| 24           | 1.000            | 300.000  | 9             | YES             |         |
| 25           | 1.000            | 300.000  | 9             | YES             |         |
| 26           | 1.000            | 300.000  | 9             | YES             |         |
| 27           | 1.000            | 300.000  | 9             | YES             |         |
| 28           | 1.000            | 300.000  | 9             | YES             |         |
| 29           | 1.000            | 300.000  | 9             | YES             |         |
| 30           | 1.000            | 300.000  | 9             | YES             |         |

## Radar level verification

| Description / Formula                                                                                                                                                                                                                                                                            | Value                                                             | Unit |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------|
| IF((<br>{DFS Mode(0/1/2)}=0)or(<br>{DFS Mode(0/1/2)}=1) , IF((dBm2W(<br>{Nominal Power[dBm]}>0.2) , -64 , IF(<br>{Configured PSD[dBm]}<10) , -62 , -64))+<br>{Attenuation Vector Generator to DUT[dB]} , -50+<br>{Attenuation Vector Generator to COMP[dB]}+<br>{Radar Signal Level Offset[dB]}) | Given setting / formula<br>to calculate<br>Vector Generator level | --   |
| Requirement of the Detection threshold value<br>for this given values acc. to FCC clause 5.2 / Table 3                                                                                                                                                                                           | -64                                                               | dBm  |
| Vector Generator level setting                                                                                                                                                                                                                                                                   | -18.04                                                            | dBm  |
| Configured overall pathloss from Vector Generator<br>RF out to DUT connector of 'DUT to OSP'-cable                                                                                                                                                                                               | 44.96                                                             | dB   |
| Given additional level added to the amplitude of<br>the waveform to account for variations in measurement<br>equipment acc. to FCC clause 5.2 / Table 3 / Note 2                                                                                                                                 | 1.00                                                              | dB   |
| This results in the following radar signal<br>level at the DUT                                                                                                                                                                                                                                   | -63.00                                                            | dBm  |

## Settings for Radar Type 1 to 4

| Setting          | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Center Frequency | 5.50000 GHz      | 5.50000 GHz  |
| Span             | ZeroSpan         | ZeroSpan     |
| RBW              | 3.000 MHz        | >= 3.000 MHz |
| VBW              | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints      | 30001            | ~ 30001      |
| SweepTime        | 12.000 s         | 12.000 s     |
| Reference Level  | -10.000 dBm      | -10.000 dBm  |
| Attenuation      | 0.000 dB         | 0.000 dB     |
| Detector         | MaxPeak          | MaxPeak      |
| SweepCount       | 1                | 1            |
| Filter           | 3 dB             | 3 dB         |
| Trace Mode       | Clear Write      | Clear Write  |
| SweepType        | Sweep            | AUTO         |
| Preamp           | off              | off          |
| Trigger          | External         | External     |
| Trigger Offset   | 1.000 s          | 1.000 s      |

## Settings for Long Pulse Radar Type 5 (Simulated)

| Setting          | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Center Frequency | 0.00000 Hz       | 0.00000 Hz   |
| Span             | 0.000 Hz         | 0.000 Hz     |
| RBW              | 0.000 Hz         | ~ 0.000 Hz   |
| VBW              | 0.000 Hz         | ~ 0.000 Hz   |
| SweepPoints      | 0                | ~ 0          |
| SweepTime        | 0.000 s          | 0.000 s      |
| Reference Level  | 0.000 dBm        | 0.000 dBm    |
| Attenuation      | 0.000 dB         | 0.000 dB     |
| Detector         | RMS              | RMS          |
| SweepCount       | 0                | 0            |
| Filter           | 3 dB             | 3 dB         |
| Trace Mode       |                  | ~            |
| SweepType        | AUTO             | AUTO         |
| Preamp           | off              | off          |

## Settings for Freq. Hopping Radar Type 6 (Simulated)

| Setting          | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Center Frequency | 0.00000 Hz       | 0.00000 Hz   |
| Span             | 0.000 Hz         | 0.000 Hz     |
| RBW              | 0.000 Hz         | ~ 0.000 Hz   |
| VBW              | 0.000 Hz         | ~ 0.000 Hz   |
| SweepPoints      | 0                | ~ 0          |
| SweepTime        | 0.000 s          | 0.000 s      |
| Reference Level  | 0.000 dBm        | 0.000 dBm    |
| Attenuation      | 0.000 dB         | 0.000 dB     |
| Detector         | RMS              | RMS          |
| SweepCount       | 0                | 0            |
| Filter           | 3 dB             | 3 dB         |
| Trace Mode       |                  | ~            |
| SweepType        | AUTO             | AUTO         |
| Preamp           | off              | off          |

## OSP Video Detector

| Setting          | Instrument Value | Target Value  |
|------------------|------------------|---------------|
| Measurement Time | 12.000 s         | 12.000 s      |
| Samplerate       | 2500 kHz         | 2500 kHz      |
| Tracepoints      | 30000000         | 30000000      |
| Time resolution  | 4.000 $\mu$ s    | 4.000 $\mu$ s |
| Detector         | Peak             | Peak          |

## DFS Statistical Performance Check (5510 MHz; 40 MHz)

Test according to FCC title 47 part 15 §15.407(h), KDB 905462 D02 U-NII DFS Compliance Procedures New Rules v02

### Measurement Summary

| DUT Frequency (MHz) | Radar Type No. | Detection count | Percentage of Detection Px | Detection Limit | Overall Result | Overall Comment |
|---------------------|----------------|-----------------|----------------------------|-----------------|----------------|-----------------|
| 5510.000000         | 1              | 28 of 30        | 93.33%                     | 60.0 %          | PASS           |                 |
| 5510.000000         | 2              | 27 of 30        | 90.00%                     | 60.0 %          | PASS           |                 |
| 5510.000000         | 3              | 28 of 30        | 93.33%                     | 60.0 %          | PASS           |                 |
| 5510.000000         | 4              | 28 of 30        | 93.33%                     | 60.0 %          | PASS           |                 |
| 5510.000000         | 5              | 29 of 30        | 96.67%                     | 80.0 %          | PASS           |                 |
| 5510.000000         | 6              | 30 of 30        | 100.00%                    | 70.0 %          | PASS           |                 |

### Aggregate Results for Short Pulse Radar Type 1-4

| Aggregate Calculation as follows | Aggregate Percentage | Aggregate Limit | Aggregate Result | Aggregate Comment |
|----------------------------------|----------------------|-----------------|------------------|-------------------|
| (P1 + P2 + P3 + P4) / 4          | 92.50%               | 80.0 %          | PASS             |                   |

## Detailed Results for Radar Type 1

| Trial Number | Random Trial used | Pulse Width (μs) | PRI (μs) | No. of Pulses | Pulses Detected | Comment |
|--------------|-------------------|------------------|----------|---------------|-----------------|---------|
| 1            | 39                | 1.000            | 1986.000 | 27            | YES             |         |
| 2            | 34                | 1.000            | 1498.000 | 36            | YES             |         |
| 3            | 19                | 1.000            | 878.000  | 61            | YES             |         |
| 4            | 13                | 1.000            | 758.000  | 70            | YES             |         |
| 5            | 43                | 1.000            | 2376.000 | 23            | YES             |         |
| 6            | 7                 | 1.000            | 638.000  | 83            | YES             |         |
| 7            | 22                | 1.000            | 938.000  | 57            | YES             |         |
| 8            | 36                | 1.000            | 1693.000 | 32            | YES             |         |
| 9            | 16                | 1.000            | 818.000  | 65            | YES             |         |
| 10           | 17                | 1.000            | 838.000  | 63            | YES             |         |
| 11           | 29                | 1.000            | 1010.000 | 53            | YES             |         |
| 12           | 23                | 1.000            | 3066.000 | 18            | YES             |         |
| 13           | 12                | 1.000            | 738.000  | 72            | YES             |         |
| 14           | 8                 | 1.000            | 658.000  | 81            | YES             |         |
| 15           | 37                | 1.000            | 1791.000 | 30            | YES             |         |
| 16           | 10                | 1.000            | 698.000  | 76            | YES             |         |
| 17           | 50                | 1.000            | 3060.000 | 18            | YES             |         |
| 18           | 14                | 1.000            | 778.000  | 68            | YES             |         |
| 19           | 31                | 1.000            | 1205.000 | 44            | YES             |         |
| 20           | 1                 | 1.000            | 518.000  | 102           | YES             |         |
| 21           | 32                | 1.000            | 1303.000 | 41            | YES             |         |
| 22           | 11                | 1.000            | 718.000  | 74            | No              |         |
| 23           | 26                | 1.000            | 717.000  | 74            | No              |         |
| 24           | 18                | 1.000            | 858.000  | 62            | YES             |         |
| 25           | 33                | 1.000            | 1400.000 | 38            | YES             |         |
| 26           | 21                | 1.000            | 918.000  | 58            | YES             |         |
| 27           | 28                | 1.000            | 912.000  | 58            | YES             |         |
| 28           | 38                | 1.000            | 1888.000 | 28            | YES             |         |
| 29           | 48                | 1.000            | 2864.000 | 19            | YES             |         |
| 30           | 4                 | 1.000            | 578.000  | 92            | YES             |         |

## Detailed Results for Radar Type 2

| Trial Number | Random Trial used | Pulse Width (μs) | PRI (μs) | No. of Pulses | Pulses Detected | Comment |
|--------------|-------------------|------------------|----------|---------------|-----------------|---------|
| 1            | 11                | 1.700            | 224.000  | 23            | YES             |         |
| 2            | 12                | 3.100            | 182.000  | 28            | YES             |         |
| 3            | 49                | 1.800            | 159.000  | 25            | YES             |         |
| 4            | 38                | 2.000            | 180.000  | 25            | YES             |         |
| 5            | 20                | 1.200            | 185.000  | 25            | YES             |         |
| 6            | 46                | 3.000            | 191.000  | 28            | YES             |         |
| 7            | 13                | 2.200            | 193.000  | 24            | YES             |         |
| 8            | 10                | 1.200            | 175.000  | 26            | YES             |         |
| 9            | 16                | 3.600            | 194.000  | 26            | YES             |         |
| 10           | 14                | 4.800            | 175.000  | 24            | No              |         |
| 11           | 36                | 3.200            | 200.000  | 28            | YES             |         |
| 12           | 40                | 3.600            | 230.000  | 27            | YES             |         |
| 13           | 47                | 3.400            | 213.000  | 27            | YES             |         |
| 14           | 42                | 2.500            | 215.000  | 28            | YES             |         |
| 15           | 44                | 3.500            | 167.000  | 29            | YES             |         |
| 16           | 18                | 2.000            | 153.000  | 24            | No              |         |
| 17           | 23                | 3.800            | 187.000  | 28            | YES             |         |
| 18           | 19                | 2.000            | 200.000  | 25            | YES             |         |
| 19           | 28                | 1.700            | 216.000  | 27            | YES             |         |
| 20           | 21                | 3.600            | 193.000  | 28            | YES             |         |
| 21           | 1                 | 3.400            | 168.000  | 25            | YES             |         |
| 22           | 9                 | 3.900            | 212.000  | 27            | YES             |         |
| 23           | 37                | 3.400            | 191.000  | 24            | YES             |         |
| 24           | 15                | 2.200            | 180.000  | 29            | YES             |         |
| 25           | 2                 | 4.500            | 191.000  | 23            | YES             |         |
| 26           | 17                | 4.500            | 213.000  | 23            | No              |         |
| 27           | 27                | 2.700            | 199.000  | 29            | YES             |         |
| 28           | 43                | 4.100            | 153.000  | 24            | YES             |         |
| 29           | 8                 | 2.600            | 175.000  | 26            | YES             |         |
| 30           | 24                | 4.400            | 188.000  | 27            | YES             |         |

### Detailed Results for Radar Type 3

| Trial Number | Random Trial used | Pulse Width (μs) | PRI (μs) | No. of Pulses | Pulses Detected | Comment |
|--------------|-------------------|------------------|----------|---------------|-----------------|---------|
| 1            | 2                 | 7.500            | 211.000  | 17            | YES             |         |
| 2            | 38                | 6.300            | 476.000  | 17            | YES             |         |
| 3            | 21                | 8.100            | 204.000  | 17            | YES             |         |
| 4            | 47                | 9.800            | 250.000  | 17            | No              |         |
| 5            | 4                 | 8.300            | 462.000  | 17            | YES             |         |
| 6            | 26                | 9.200            | 497.000  | 17            | YES             |         |
| 7            | 13                | 8.400            | 343.000  | 17            | YES             |         |
| 8            | 20                | 8.200            | 272.000  | 18            | YES             |         |
| 9            | 11                | 9.000            | 500.000  | 16            | YES             |         |
| 10           | 44                | 7.100            | 457.000  | 16            | YES             |         |
| 11           | 42                | 8.600            | 493.000  | 17            | YES             |         |
| 12           | 28                | 9.800            | 316.000  | 17            | YES             |         |
| 13           | 3                 | 9.500            | 297.000  | 16            | YES             |         |
| 14           | 10                | 9.800            | 206.000  | 17            | YES             |         |
| 15           | 29                | 9.900            | 446.000  | 17            | YES             |         |
| 16           | 18                | 6.200            | 263.000  | 18            | YES             |         |
| 17           | 48                | 9.000            | 448.000  | 18            | YES             |         |
| 18           | 27                | 6.600            | 301.000  | 17            | No              |         |
| 19           | 39                | 7.200            | 358.000  | 18            | YES             |         |
| 20           | 15                | 8.100            | 436.000  | 17            | YES             |         |
| 21           | 45                | 6.700            | 426.000  | 17            | YES             |         |
| 22           | 41                | 7.700            | 467.000  | 16            | YES             |         |
| 23           | 6                 | 7.500            | 429.000  | 17            | YES             |         |
| 24           | 19                | 9.600            | 336.000  | 18            | YES             |         |
| 25           | 14                | 6.600            | 455.000  | 16            | YES             |         |
| 26           | 43                | 6.700            | 398.000  | 17            | YES             |         |
| 27           | 16                | 8.900            | 340.000  | 16            | YES             |         |
| 28           | 34                | 6.400            | 477.000  | 17            | YES             |         |
| 29           | 50                | 7.700            | 206.000  | 17            | YES             |         |
| 30           | 24                | 6.000            | 378.000  | 17            | YES             |         |

## Detailed Results for Radar Type 4

| Trial Number | Random Trial used | Pulse Width (μs) | PRI (μs) | No. of Pulses | Pulses Detected | Comment |
|--------------|-------------------|------------------|----------|---------------|-----------------|---------|
| 1            | 49                | 11.100           | 396.000  | 13            | No              |         |
| 2            | 17                | 17.100           | 308.000  | 15            | YES             |         |
| 3            | 41                | 13.300           | 439.000  | 14            | YES             |         |
| 4            | 23                | 18.300           | 265.000  | 14            | YES             |         |
| 5            | 28                | 13.000           | 309.000  | 14            | YES             |         |
| 6            | 36                | 12.500           | 413.000  | 14            | YES             |         |
| 7            | 14                | 16.600           | 212.000  | 16            | YES             |         |
| 8            | 39                | 12.400           | 217.000  | 14            | YES             |         |
| 9            | 32                | 12.600           | 293.000  | 15            | YES             |         |
| 10           | 35                | 12.600           | 268.000  | 13            | YES             |         |
| 11           | 33                | 19.500           | 384.000  | 13            | YES             |         |
| 12           | 30                | 11.800           | 384.000  | 14            | YES             |         |
| 13           | 40                | 13.600           | 237.000  | 15            | YES             |         |
| 14           | 37                | 18.100           | 200.000  | 15            | YES             |         |
| 15           | 24                | 18.100           | 397.000  | 14            | YES             |         |
| 16           | 11                | 14.900           | 223.000  | 12            | YES             |         |
| 17           | 16                | 19.900           | 366.000  | 14            | YES             |         |
| 18           | 12                | 16.000           | 461.000  | 13            | YES             |         |
| 19           | 8                 | 14.100           | 283.000  | 15            | YES             |         |
| 20           | 43                | 15.800           | 410.000  | 15            | YES             |         |
| 21           | 9                 | 13.300           | 254.000  | 14            | YES             |         |
| 22           | 4                 | 12.600           | 360.000  | 14            | YES             |         |
| 23           | 21                | 11.700           | 483.000  | 16            | YES             |         |
| 24           | 26                | 18.900           | 299.000  | 16            | YES             |         |
| 25           | 31                | 14.400           | 266.000  | 14            | YES             |         |
| 26           | 6                 | 18.500           | 499.000  | 13            | No              |         |
| 27           | 47                | 17.700           | 416.000  | 12            | YES             |         |
| 28           | 42                | 18.500           | 208.000  | 14            | YES             |         |
| 29           | 27                | 15.600           | 303.000  | 13            | YES             |         |
| 30           | 38                | 15.500           | 451.000  | 15            | YES             |         |

## Detailed Results for Radar Type 5

| Trial Number | Random Trial used | Pulses Detected | Comment                                                  |
|--------------|-------------------|-----------------|----------------------------------------------------------|
| 1            | 44                | No              | For detailed burst Data see separate table Type5_Trial1  |
| 2            | 47                | YES             | For detailed burst Data see separate table Type5_Trial2  |
| 3            | 42                | YES             | For detailed burst Data see separate table Type5_Trial3  |
| 4            | 28                | YES             | For detailed burst Data see separate table Type5_Trial4  |
| 5            | 49                | YES             | For detailed burst Data see separate table Type5_Trial5  |
| 6            | 7                 | YES             | For detailed burst Data see separate table Type5_Trial6  |
| 7            | 8                 | YES             | For detailed burst Data see separate table Type5_Trial7  |
| 8            | 14                | YES             | For detailed burst Data see separate table Type5_Trial8  |
| 9            | 38                | YES             | For detailed burst Data see separate table Type5_Trial9  |
| 10           | 29                | YES             | For detailed burst Data see separate table Type5_Trial10 |
| 11           | 16                | YES             | For detailed burst Data see separate table Type5_Trial11 |
| 12           | 21                | YES             | For detailed burst Data see separate table Type5_Trial12 |
| 13           | 9                 | YES             | For detailed burst Data see separate table Type5_Trial13 |
| 14           | 41                | YES             | For detailed burst Data see separate table Type5_Trial14 |
| 15           | 3                 | YES             | For detailed burst Data see separate table Type5_Trial15 |
| 16           | 22                | YES             | For detailed burst Data see separate table Type5_Trial16 |
| 17           | 17                | YES             | For detailed burst Data see separate table Type5_Trial17 |
| 18           | 2                 | YES             | For detailed burst Data see separate table Type5_Trial18 |
| 19           | 34                | YES             | For detailed burst Data see separate table Type5_Trial19 |
| 20           | 40                | YES             | For detailed burst Data see separate table Type5_Trial20 |
| 21           | 18                | YES             | For detailed burst Data see separate table Type5_Trial21 |
| 22           | 36                | YES             | For detailed burst Data see separate table Type5_Trial22 |
| 23           | 43                | YES             | For detailed burst Data see separate table Type5_Trial23 |
| 24           | 10                | YES             | For detailed burst Data see separate table Type5_Trial24 |
| 25           | 48                | YES             | For detailed burst Data see separate table Type5_Trial25 |
| 26           | 50                | YES             | For detailed burst Data see separate table Type5_Trial26 |
| 27           | 19                | YES             | For detailed burst Data see separate table Type5_Trial27 |
| 28           | 23                | YES             | For detailed burst Data see separate table Type5_Trial28 |
| 29           | 32                | YES             | For detailed burst Data see separate table Type5_Trial29 |
| 30           | 1                 | YES             | For detailed burst Data see separate table Type5_Trial30 |

## Detailed Results for Radar Type 5\_Trial 1

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 75.600           | 14.000000         | 1717.000                  | 1819.000                  | 814.000                                |
| 2     | 2             | 87.500           | 14.000000         | 1850.000                  | ---                       | 108.000                                |
| 3     | 1             | 69.100           | 14.000000         | ---                       | ---                       | 310.000                                |
| 4     | 2             | 55.800           | 14.000000         | 972.000                   | ---                       | 0.000                                  |
| 5     | 1             | 90.600           | 14.000000         | ---                       | ---                       | 277.000                                |
| 6     | 2             | 87.800           | 14.000000         | 1808.000                  | ---                       | 20.000                                 |
| 7     | 1             | 74.000           | 14.000000         | ---                       | ---                       | 35.000                                 |
| 8     | 3             | 94.800           | 14.000000         | 1120.000                  | 938.000                   | 554.000                                |
| 9     | 2             | 57.200           | 14.000000         | 1619.000                  | ---                       | 141.000                                |
| 10    | 1             | 56.000           | 14.000000         | ---                       | ---                       | 595.000                                |
| 11    | 2             | 99.500           | 14.000000         | 1143.000                  | ---                       | 262.000                                |
| 12    | 2             | 66.500           | 14.000000         | 1675.000                  | ---                       | 557.000                                |

## Detailed Results for Radar Type 5\_Trial 2

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 53.000           | 16.000000         | 1731.000                  | 1776.000                  | 102.000                                |
| 2     | 2             | 61.000           | 16.000000         | 988.000                   | ---                       | 570.000                                |
| 3     | 1             | 59.900           | 16.000000         | ---                       | ---                       | 566.000                                |
| 4     | 1             | 85.500           | 16.000000         | ---                       | ---                       | 213.000                                |
| 5     | 3             | 94.800           | 16.000000         | 1100.000                  | 1674.000                  | 103.000                                |
| 6     | 3             | 81.600           | 16.000000         | 979.000                   | 1275.000                  | 44.000                                 |
| 7     | 1             | 57.300           | 16.000000         | ---                       | ---                       | 498.000                                |
| 8     | 2             | 93.800           | 16.000000         | 999.000                   | ---                       | 772.000                                |
| 9     | 2             | 75.100           | 16.000000         | 1593.000                  | ---                       | 686.000                                |
| 10    | 3             | 96.400           | 16.000000         | 1515.000                  | 1372.000                  | 320.000                                |
| 11    | 2             | 59.600           | 16.000000         | 1224.000                  | ---                       | 9.000                                  |
| 12    | 2             | 69.600           | 16.000000         | 1553.000                  | ---                       | 192.000                                |
| 13    | 1             | 84.300           | 16.000000         | ---                       | ---                       | 102.000                                |
| 14    | 3             | 70.600           | 16.000000         | 1234.000                  | 961.000                   | 644.000                                |
| 15    | 1             | 97.700           | 16.000000         | ---                       | ---                       | 436.000                                |

### Detailed Results for Radar Type 5\_Trial 3

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 68.400           | 12.000000         | 1658.000                  | 1189.000                  | 811.000                                |
| 2     | 3             | 79.800           | 12.000000         | 1645.000                  | 1732.000                  | 1059.000                               |
| 3     | 1             | 86.100           | 12.000000         | ---                       | ---                       | 970.000                                |
| 4     | 1             | 83.200           | 12.000000         | ---                       | ---                       | 765.000                                |
| 5     | 1             | 97.500           | 12.000000         | ---                       | ---                       | 1117.000                               |
| 6     | 2             | 51.300           | 12.000000         | 1708.000                  | ---                       | 559.000                                |
| 7     | 3             | 77.900           | 12.000000         | 1276.000                  | 1521.000                  | 253.000                                |
| 8     | 3             | 80.800           | 12.000000         | 1804.000                  | 959.000                   | 563.000                                |
| 9     | 2             | 82.100           | 12.000000         | 1443.000                  | ---                       | 169.000                                |
| 10    | 3             | 65.000           | 12.000000         | 1848.000                  | 1035.000                  | 156.000                                |

## Detailed Results for Radar Type 5\_Trial 4

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 97.500           | 12.000000         | 1544.000                  | ---                       | 99.000                                 |
| 2     | 2             | 65.600           | 12.000000         | 1375.000                  | ---                       | 550.000                                |
| 3     | 1             | 68.300           | 12.000000         | ---                       | ---                       | 550.000                                |
| 4     | 3             | 50.300           | 12.000000         | 1878.000                  | 1651.000                  | 1131.000                               |
| 5     | 3             | 51.700           | 12.000000         | 975.000                   | 1518.000                  | 102.000                                |
| 6     | 3             | 57.200           | 12.000000         | 1700.000                  | 1447.000                  | 1041.000                               |
| 7     | 2             | 98.400           | 12.000000         | 1637.000                  | ---                       | 130.000                                |
| 8     | 3             | 58.900           | 12.000000         | 1602.000                  | 1161.000                  | 38.000                                 |
| 9     | 2             | 60.100           | 12.000000         | 984.000                   | ---                       | 333.000                                |

## Detailed Results for Radar Type 5\_Trial 5

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 69.400           | 19.000000         | 1872.000                  | ---                       | 221.000                                |
| 2     | 2             | 59.100           | 19.000000         | 1839.000                  | ---                       | 120.000                                |
| 3     | 3             | 76.800           | 19.000000         | 1911.000                  | 981.000                   | 550.000                                |
| 4     | 2             | 70.500           | 19.000000         | 1328.000                  | ---                       | 331.000                                |
| 5     | 1             | 63.100           | 19.000000         | ---                       | ---                       | 681.000                                |
| 6     | 3             | 59.900           | 19.000000         | 1048.000                  | 1055.000                  | 264.000                                |
| 7     | 2             | 50.000           | 19.000000         | 1246.000                  | ---                       | 301.000                                |
| 8     | 2             | 53.200           | 19.000000         | 993.000                   | ---                       | 222.000                                |
| 9     | 1             | 80.500           | 19.000000         | ---                       | ---                       | 496.000                                |
| 10    | 2             | 86.900           | 19.000000         | 1135.000                  | ---                       | 371.000                                |
| 11    | 3             | 99.000           | 19.000000         | 1818.000                  | 935.000                   | 639.000                                |
| 12    | 3             | 85.200           | 19.000000         | 1495.000                  | 1079.000                  | 633.000                                |
| 13    | 3             | 68.700           | 19.000000         | 1289.000                  | 1482.000                  | 99.000                                 |
| 14    | 2             | 85.700           | 19.000000         | 1340.000                  | ---                       | 358.000                                |
| 15    | 2             | 82.900           | 19.000000         | 1395.000                  | ---                       | 502.000                                |
| 16    | 2             | 53.400           | 19.000000         | 1111.000                  | ---                       | 74.000                                 |
| 17    | 2             | 97.400           | 19.000000         | 1764.000                  | ---                       | 476.000                                |

## Detailed Results for Radar Type 5\_Trial 6

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 76.300           | 6.000000          | 1673.000                  | 1870.000                  | 757.000                                |
| 2     | 1             | 85.600           | 6.000000          | ---                       | ---                       | 712.000                                |
| 3     | 2             | 87.400           | 6.000000          | 1495.000                  | ---                       | 427.000                                |
| 4     | 2             | 67.800           | 6.000000          | 1430.000                  | ---                       | 153.000                                |
| 5     | 1             | 80.900           | 6.000000          | ---                       | ---                       | 197.000                                |
| 6     | 1             | 80.300           | 6.000000          | ---                       | ---                       | 160.000                                |
| 7     | 3             | 86.500           | 6.000000          | 1329.000                  | 1212.000                  | 509.000                                |
| 8     | 1             | 96.300           | 6.000000          | ---                       | ---                       | 828.000                                |
| 9     | 1             | 80.800           | 6.000000          | ---                       | ---                       | 306.000                                |
| 10    | 2             | 74.900           | 6.000000          | 1636.000                  | ---                       | 609.000                                |
| 11    | 3             | 60.400           | 6.000000          | 1278.000                  | 1394.000                  | 269.000                                |
| 12    | 3             | 57.300           | 6.000000          | 1719.000                  | 999.000                   | 826.000                                |
| 13    | 2             | 64.800           | 6.000000          | 1378.000                  | ---                       | 41.000                                 |
| 14    | 2             | 66.600           | 6.000000          | 933.000                   | ---                       | 631.000                                |

## Detailed Results for Radar Type 5\_Trial 7

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 93.000           | 5.000000          | 1554.000                  | 1785.000                  | 287.000                                |
| 2     | 1             | 83.900           | 5.000000          | ---                       | ---                       | 719.000                                |
| 3     | 1             | 58.600           | 5.000000          | ---                       | ---                       | 22.000                                 |
| 4     | 2             | 51.600           | 5.000000          | 1301.000                  | ---                       | 508.000                                |
| 5     | 2             | 86.000           | 5.000000          | 971.000                   | ---                       | 394.000                                |
| 6     | 2             | 52.400           | 5.000000          | 1014.000                  | ---                       | 126.000                                |
| 7     | 2             | 81.600           | 5.000000          | 1650.000                  | ---                       | 756.000                                |
| 8     | 2             | 73.500           | 5.000000          | 1428.000                  | ---                       | 653.000                                |
| 9     | 1             | 58.900           | 5.000000          | ---                       | ---                       | 761.000                                |
| 10    | 1             | 93.500           | 5.000000          | ---                       | ---                       | 118.000                                |
| 11    | 2             | 90.600           | 5.000000          | 1774.000                  | ---                       | 108.000                                |
| 12    | 2             | 58.400           | 5.000000          | 1448.000                  | ---                       | 740.000                                |
| 13    | 2             | 89.100           | 5.000000          | 1406.000                  | ---                       | 689.000                                |
| 14    | 2             | 73.900           | 5.000000          | 1071.000                  | ---                       | 160.000                                |
| 15    | 1             | 61.700           | 5.000000          | ---                       | ---                       | 172.000                                |

## Detailed Results for Radar Type 5\_Trial 8

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 86.900           | 18.000000         | 1072.000                  | 1743.000                  | 270.000                                |
| 2     | 3             | 81.200           | 18.000000         | 1473.000                  | 1232.000                  | 993.000                                |
| 3     | 3             | 100.000          | 18.000000         | 1838.000                  | 1883.000                  | 1083.000                               |
| 4     | 1             | 65.400           | 18.000000         | ---                       | ---                       | 815.000                                |
| 5     | 3             | 80.200           | 18.000000         | 1355.000                  | 1538.000                  | 799.000                                |
| 6     | 3             | 96.500           | 18.000000         | 1759.000                  | 1784.000                  | 72.000                                 |
| 7     | 3             | 80.300           | 18.000000         | 1386.000                  | 1646.000                  | 426.000                                |
| 8     | 2             | 81.600           | 18.000000         | 1787.000                  | ---                       | 878.000                                |

## Detailed Results for Radar Type 5\_Trial 9

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 79.600           | 17.000000         | 1029.000                  | ---                       | 270.000                                |
| 2     | 1             | 90.200           | 17.000000         | ---                       | ---                       | 580.000                                |
| 3     | 3             | 66.100           | 17.000000         | 1312.000                  | 1766.000                  | 86.000                                 |
| 4     | 1             | 95.200           | 17.000000         | ---                       | ---                       | 92.000                                 |
| 5     | 2             | 76.300           | 17.000000         | 1238.000                  | ---                       | 368.000                                |
| 6     | 2             | 75.800           | 17.000000         | 1106.000                  | ---                       | 165.000                                |
| 7     | 3             | 50.700           | 17.000000         | 1312.000                  | 1580.000                  | 377.000                                |
| 8     | 3             | 56.300           | 17.000000         | 1837.000                  | 1154.000                  | 323.000                                |
| 9     | 3             | 56.100           | 17.000000         | 1061.000                  | 1394.000                  | 400.000                                |
| 10    | 3             | 81.200           | 17.000000         | 1582.000                  | 1379.000                  | 405.000                                |
| 11    | 2             | 89.700           | 17.000000         | 1845.000                  | ---                       | 506.000                                |
| 12    | 1             | 97.800           | 17.000000         | ---                       | ---                       | 331.000                                |
| 13    | 1             | 75.700           | 17.000000         | ---                       | ---                       | 430.000                                |
| 14    | 3             | 50.200           | 17.000000         | 1237.000                  | 1653.000                  | 544.000                                |
| 15    | 2             | 52.000           | 17.000000         | 1729.000                  | ---                       | 339.000                                |
| 16    | 2             | 69.400           | 17.000000         | 1603.000                  | ---                       | 44.000                                 |
| 17    | 2             | 67.500           | 17.000000         | 1168.000                  | ---                       | 521.000                                |
| 18    | 2             | 98.100           | 17.000000         | 958.000                   | ---                       | 384.000                                |
| 19    | 3             | 63.600           | 17.000000         | 1260.000                  | 1640.000                  | 194.000                                |

## Detailed Results for Radar Type 5\_Trial 10

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 77.400           | 20.000000         | 1666.000                  | ---                       | 613.000                                |
| 2     | 3             | 99.600           | 20.000000         | 1128.000                  | 1195.000                  | 1083.000                               |
| 3     | 3             | 95.100           | 20.000000         | 1506.000                  | 1563.000                  | 362.000                                |
| 4     | 1             | 84.300           | 20.000000         | ---                       | ---                       | 319.000                                |
| 5     | 3             | 88.900           | 20.000000         | 1568.000                  | 1152.000                  | 604.000                                |
| 6     | 2             | 69.200           | 20.000000         | 995.000                   | ---                       | 451.000                                |
| 7     | 2             | 81.400           | 20.000000         | 1689.000                  | ---                       | 791.000                                |
| 8     | 2             | 88.500           | 20.000000         | 1286.000                  | ---                       | 359.000                                |
| 9     | 3             | 70.600           | 20.000000         | 1189.000                  | 1825.000                  | 241.000                                |
| 10    | 3             | 56.000           | 20.000000         | 1217.000                  | 1783.000                  | 317.000                                |

## Detailed Results for Radar Type 5\_Trial 11

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 53.400           | 13.000000         | 1343.000                  | 1742.000                  | 651.000                                |
| 2     | 1             | 57.300           | 13.000000         | ---                       | ---                       | 857.000                                |
| 3     | 1             | 61.900           | 13.000000         | ---                       | ---                       | 567.000                                |
| 4     | 3             | 60.500           | 13.000000         | 1355.000                  | 1499.000                  | 847.000                                |
| 5     | 1             | 62.000           | 13.000000         | ---                       | ---                       | 1014.000                               |
| 6     | 2             | 94.800           | 13.000000         | 1584.000                  | ---                       | 512.000                                |
| 7     | 1             | 64.300           | 13.000000         | ---                       | ---                       | 992.000                                |
| 8     | 3             | 93.200           | 13.000000         | 1157.000                  | 1861.000                  | 285.000                                |
| 9     | 3             | 56.000           | 13.000000         | 1813.000                  | 1900.000                  | 1189.000                               |
| 10    | 2             | 79.100           | 13.000000         | 1234.000                  | ---                       | 1006.000                               |

## Detailed Results for Radar Type 5\_Trial 12

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 66.400           | 15.000000         | 1599.000                  | 1875.000                  | 190.000                                |
| 2     | 1             | 73.600           | 15.000000         | ---                       | ---                       | 165.000                                |
| 3     | 2             | 55.200           | 15.000000         | 1726.000                  | ---                       | 332.000                                |
| 4     | 2             | 62.700           | 15.000000         | 1752.000                  | ---                       | 117.000                                |
| 5     | 3             | 50.600           | 15.000000         | 1523.000                  | 1052.000                  | 572.000                                |
| 6     | 2             | 57.800           | 15.000000         | 944.000                   | ---                       | 746.000                                |
| 7     | 3             | 98.000           | 15.000000         | 1343.000                  | 1215.000                  | 147.000                                |
| 8     | 2             | 82.800           | 15.000000         | 1182.000                  | ---                       | 30.000                                 |
| 9     | 2             | 62.900           | 15.000000         | 1549.000                  | ---                       | 395.000                                |
| 10    | 2             | 50.700           | 15.000000         | 1196.000                  | ---                       | 333.000                                |
| 11    | 3             | 69.200           | 15.000000         | 1106.000                  | 1036.000                  | 388.000                                |
| 12    | 3             | 60.900           | 15.000000         | 1175.000                  | 1183.000                  | 612.000                                |
| 13    | 2             | 78.500           | 15.000000         | 1908.000                  | ---                       | 125.000                                |
| 14    | 2             | 67.800           | 15.000000         | 1667.000                  | ---                       | 502.000                                |
| 15    | 2             | 58.000           | 15.000000         | 1869.000                  | ---                       | 224.000                                |

## Detailed Results for Radar Type 5\_Trial 13

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 70.500           | 17.000000         | 956.000                   | ---                       | 247.000                                |
| 2     | 3             | 85.800           | 17.000000         | 1726.000                  | 1051.000                  | 659.000                                |
| 3     | 2             | 67.600           | 17.000000         | 1910.000                  | ---                       | 383.000                                |
| 4     | 2             | 97.900           | 17.000000         | 1794.000                  | ---                       | 123.000                                |
| 5     | 3             | 55.000           | 17.000000         | 1798.000                  | 1000.000                  | 48.000                                 |
| 6     | 2             | 55.900           | 17.000000         | 1322.000                  | ---                       | 464.000                                |
| 7     | 3             | 53.400           | 17.000000         | 1270.000                  | 1431.000                  | 347.000                                |
| 8     | 2             | 88.300           | 17.000000         | 1417.000                  | ---                       | 544.000                                |
| 9     | 2             | 95.600           | 17.000000         | 1228.000                  | ---                       | 453.000                                |
| 10    | 2             | 70.400           | 17.000000         | 1039.000                  | ---                       | 291.000                                |
| 11    | 2             | 53.000           | 17.000000         | 1860.000                  | ---                       | 689.000                                |
| 12    | 1             | 80.600           | 17.000000         | ---                       | ---                       | 628.000                                |
| 13    | 3             | 67.000           | 17.000000         | 1382.000                  | 1724.000                  | 487.000                                |
| 14    | 2             | 67.300           | 17.000000         | 1895.000                  | ---                       | 682.000                                |
| 15    | 2             | 63.100           | 17.000000         | 1171.000                  | ---                       | 343.000                                |
| 16    | 2             | 79.400           | 17.000000         | 1369.000                  | ---                       | 186.000                                |

## Detailed Results for Radar Type 5\_Trial 14

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 69.200           | 20.000000         | 1589.000                  | ---                       | 608.000                                |
| 2     | 2             | 96.300           | 20.000000         | 1096.000                  | ---                       | 1107.000                               |
| 3     | 2             | 65.100           | 20.000000         | 973.000                   | ---                       | 1251.000                               |
| 4     | 3             | 82.700           | 20.000000         | 1229.000                  | 1116.000                  | 442.000                                |
| 5     | 1             | 86.700           | 20.000000         | ---                       | ---                       | 528.000                                |
| 6     | 1             | 50.500           | 20.000000         | ---                       | ---                       | 261.000                                |
| 7     | 2             | 74.700           | 20.000000         | 1296.000                  | ---                       | 317.000                                |
| 8     | 1             | 58.000           | 20.000000         | ---                       | ---                       | 131.000                                |
| 9     | 3             | 82.600           | 20.000000         | 1463.000                  | 985.000                   | 1132.000                               |

## Detailed Results for Radar Type 5\_Trial 15

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 54.600           | 13.000000         | 1482.000                  | ---                       | 997.000                                |
| 2     | 3             | 58.000           | 13.000000         | 1111.000                  | 999.000                   | 712.000                                |
| 3     | 3             | 63.400           | 13.000000         | 1268.000                  | 1709.000                  | 269.000                                |
| 4     | 3             | 67.400           | 13.000000         | 1035.000                  | 1498.000                  | 377.000                                |
| 5     | 3             | 70.200           | 13.000000         | 1122.000                  | 999.000                   | 381.000                                |
| 6     | 1             | 92.500           | 13.000000         | ---                       | ---                       | 942.000                                |
| 7     | 3             | 63.900           | 13.000000         | 1233.000                  | 1239.000                  | 49.000                                 |
| 8     | 1             | 67.700           | 13.000000         | ---                       | ---                       | 121.000                                |
| 9     | 2             | 74.700           | 13.000000         | 1791.000                  | ---                       | 596.000                                |
| 10    | 2             | 98.000           | 13.000000         | 1740.000                  | ---                       | 602.000                                |

## Detailed Results for Radar Type 5\_Trial 16

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 66.600           | 20.000000         | ---                       | ---                       | 330.000                                |
| 2     | 1             | 74.500           | 20.000000         | ---                       | ---                       | 248.000                                |
| 3     | 2             | 68.200           | 20.000000         | 1149.000                  | ---                       | 80.000                                 |
| 4     | 2             | 70.100           | 20.000000         | 1849.000                  | ---                       | 536.000                                |
| 5     | 3             | 65.800           | 20.000000         | 1316.000                  | 1180.000                  | 623.000                                |
| 6     | 3             | 82.100           | 20.000000         | 1690.000                  | 1661.000                  | 503.000                                |
| 7     | 2             | 95.900           | 20.000000         | 1840.000                  | ---                       | 687.000                                |
| 8     | 1             | 51.100           | 20.000000         | ---                       | ---                       | 107.000                                |
| 9     | 2             | 99.600           | 20.000000         | 1035.000                  | ---                       | 389.000                                |
| 10    | 1             | 59.600           | 20.000000         | ---                       | ---                       | 424.000                                |
| 11    | 3             | 96.000           | 20.000000         | 1733.000                  | 1820.000                  | 427.000                                |
| 12    | 3             | 64.400           | 20.000000         | 1553.000                  | 1679.000                  | 204.000                                |
| 13    | 2             | 82.800           | 20.000000         | 1451.000                  | ---                       | 69.000                                 |
| 14    | 2             | 86.800           | 20.000000         | 1508.000                  | ---                       | 573.000                                |
| 15    | 2             | 76.300           | 20.000000         | 1738.000                  | ---                       | 361.000                                |
| 16    | 2             | 83.800           | 20.000000         | 1152.000                  | ---                       | 683.000                                |

## Detailed Results for Radar Type 5\_Trial 17

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 93.100           | 11.000000         | ---                       | ---                       | 422.000                                |
| 2     | 3             | 61.300           | 11.000000         | 1194.000                  | 1086.000                  | 738.000                                |
| 3     | 3             | 57.000           | 11.000000         | 1918.000                  | 1102.000                  | 523.000                                |
| 4     | 3             | 91.800           | 11.000000         | 1588.000                  | 1798.000                  | 874.000                                |
| 5     | 3             | 88.600           | 11.000000         | 1491.000                  | 1061.000                  | 748.000                                |
| 6     | 3             | 62.400           | 11.000000         | 1019.000                  | 1144.000                  | 525.000                                |
| 7     | 3             | 88.000           | 11.000000         | 1259.000                  | 1713.000                  | 641.000                                |
| 8     | 2             | 77.700           | 11.000000         | 1025.000                  | ---                       | 383.000                                |
| 9     | 1             | 51.800           | 11.000000         | ---                       | ---                       | 554.000                                |
| 10    | 1             | 55.900           | 11.000000         | ---                       | ---                       | 939.000                                |
| 11    | 3             | 63.700           | 11.000000         | 1503.000                  | 1789.000                  | 182.000                                |

## Detailed Results for Radar Type 5\_Trial 18

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 66.900           | 16.000000         | 1927.000                  | ---                       | 308.000                                |
| 2     | 3             | 68.300           | 16.000000         | 1068.000                  | 1286.000                  | 574.000                                |
| 3     | 2             | 50.600           | 16.000000         | 1234.000                  | ---                       | 468.000                                |
| 4     | 2             | 58.200           | 16.000000         | 1470.000                  | ---                       | 785.000                                |
| 5     | 3             | 58.300           | 16.000000         | 1083.000                  | 1021.000                  | 1235.000                               |
| 6     | 1             | 71.500           | 16.000000         | ---                       | ---                       | 91.000                                 |
| 7     | 1             | 67.400           | 16.000000         | ---                       | ---                       | 710.000                                |
| 8     | 3             | 59.100           | 16.000000         | 1642.000                  | 1231.000                  | 561.000                                |
| 9     | 2             | 66.000           | 16.000000         | 1446.000                  | ---                       | 628.000                                |

## Detailed Results for Radar Type 5\_Trial 19

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 68.600           | 13.000000         | 1614.000                  | ---                       | 278.000                                |
| 2     | 3             | 78.700           | 13.000000         | 1230.000                  | 1429.000                  | 455.000                                |
| 3     | 2             | 72.000           | 13.000000         | 1581.000                  | ---                       | 173.000                                |
| 4     | 2             | 75.600           | 13.000000         | 977.000                   | ---                       | 212.000                                |
| 5     | 2             | 65.500           | 13.000000         | 1725.000                  | ---                       | 589.000                                |
| 6     | 2             | 55.000           | 13.000000         | 1600.000                  | ---                       | 3.000                                  |
| 7     | 1             | 57.000           | 13.000000         | ---                       | ---                       | 642.000                                |
| 8     | 2             | 70.100           | 13.000000         | 1454.000                  | ---                       | 556.000                                |
| 9     | 2             | 52.700           | 13.000000         | 1212.000                  | ---                       | 448.000                                |
| 10    | 3             | 61.200           | 13.000000         | 1845.000                  | 1035.000                  | 543.000                                |
| 11    | 2             | 98.000           | 13.000000         | 1740.000                  | ---                       | 298.000                                |
| 12    | 2             | 56.300           | 13.000000         | 1488.000                  | ---                       | 3.000                                  |
| 13    | 3             | 74.200           | 13.000000         | 1454.000                  | 1697.000                  | 589.000                                |
| 14    | 1             | 91.600           | 13.000000         | ---                       | ---                       | 282.000                                |
| 15    | 3             | 70.600           | 13.000000         | 1578.000                  | 1218.000                  | 414.000                                |

## Detailed Results for Radar Type 5\_Trial 20

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 57.400           | 6.000000          | 963.000                   | ---                       | 180.000                                |
| 2     | 2             | 93.600           | 6.000000          | 1584.000                  | ---                       | 459.000                                |
| 3     | 2             | 80.100           | 6.000000          | 1493.000                  | ---                       | 435.000                                |
| 4     | 1             | 64.100           | 6.000000          | ---                       | ---                       | 1256.000                               |
| 5     | 2             | 67.700           | 6.000000          | 1215.000                  | ---                       | 734.000                                |
| 6     | 1             | 96.500           | 6.000000          | ---                       | ---                       | 1281.000                               |
| 7     | 2             | 81.500           | 6.000000          | 974.000                   | ---                       | 1432.000                               |
| 8     | 2             | 66.800           | 6.000000          | 1558.000                  | ---                       | 92.000                                 |

## Detailed Results for Radar Type 5\_Trial 21

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 93.600           | 5.000000          | ---                       | ---                       | 12.000                                 |
| 2     | 3             | 75.700           | 5.000000          | 1082.000                  | 1831.000                  | 391.000                                |
| 3     | 1             | 78.600           | 5.000000          | ---                       | ---                       | 945.000                                |
| 4     | 3             | 97.800           | 5.000000          | 1410.000                  | 1227.000                  | 166.000                                |
| 5     | 2             | 90.700           | 5.000000          | 1124.000                  | ---                       | 67.000                                 |
| 6     | 2             | 98.300           | 5.000000          | 1313.000                  | ---                       | 512.000                                |
| 7     | 3             | 72.800           | 5.000000          | 1011.000                  | 1020.000                  | 645.000                                |
| 8     | 3             | 73.700           | 5.000000          | 1726.000                  | 1553.000                  | 442.000                                |
| 9     | 1             | 90.200           | 5.000000          | ---                       | ---                       | 22.000                                 |
| 10    | 1             | 62.700           | 5.000000          | ---                       | ---                       | 746.000                                |
| 11    | 3             | 83.300           | 5.000000          | 1501.000                  | 1874.000                  | 837.000                                |
| 12    | 3             | 80.000           | 5.000000          | 1591.000                  | 1770.000                  | 458.000                                |

## Detailed Results for Radar Type 5\_Trial 22

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 74.800           | 8.000000          | 1894.000                  | ---                       | 41.000                                 |
| 2     | 2             | 95.100           | 8.000000          | 1815.000                  | ---                       | 443.000                                |
| 3     | 1             | 95.500           | 8.000000          | ---                       | ---                       | 663.000                                |
| 4     | 2             | 87.500           | 8.000000          | 1259.000                  | ---                       | 156.000                                |
| 5     | 3             | 86.300           | 8.000000          | 947.000                   | 1761.000                  | 185.000                                |
| 6     | 1             | 90.900           | 8.000000          | ---                       | ---                       | 246.000                                |
| 7     | 2             | 51.800           | 8.000000          | 1879.000                  | ---                       | 166.000                                |
| 8     | 1             | 92.100           | 8.000000          | ---                       | ---                       | 203.000                                |
| 9     | 3             | 83.800           | 8.000000          | 1477.000                  | 1851.000                  | 570.000                                |
| 10    | 1             | 51.500           | 8.000000          | ---                       | ---                       | 48.000                                 |
| 11    | 1             | 60.400           | 8.000000          | ---                       | ---                       | 1.000                                  |
| 12    | 3             | 95.800           | 8.000000          | 934.000                   | 1424.000                  | 382.000                                |
| 13    | 2             | 79.200           | 8.000000          | 1808.000                  | ---                       | 537.000                                |
| 14    | 3             | 79.500           | 8.000000          | 1300.000                  | 1192.000                  | 323.000                                |
| 15    | 1             | 83.200           | 8.000000          | ---                       | ---                       | 343.000                                |
| 16    | 2             | 98.800           | 8.000000          | 1791.000                  | ---                       | 560.000                                |
| 17    | 2             | 50.800           | 8.000000          | 1866.000                  | ---                       | 659.000                                |

## Detailed Results for Radar Type 5\_Trial 23

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 92.800           | 10.000000         | 1307.000                  | 1195.000                  | 177.000                                |
| 2     | 2             | 69.200           | 10.000000         | 1264.000                  | ---                       | 1014.000                               |
| 3     | 2             | 63.000           | 10.000000         | 1830.000                  | ---                       | 875.000                                |
| 4     | 1             | 58.400           | 10.000000         | ---                       | ---                       | 470.000                                |
| 5     | 2             | 74.900           | 10.000000         | 1531.000                  | ---                       | 184.000                                |
| 6     | 2             | 76.000           | 10.000000         | 1488.000                  | ---                       | 679.000                                |
| 7     | 2             | 50.500           | 10.000000         | 1360.000                  | ---                       | 296.000                                |
| 8     | 1             | 82.500           | 10.000000         | ---                       | ---                       | 645.000                                |
| 9     | 3             | 58.800           | 10.000000         | 1168.000                  | 1620.000                  | 345.000                                |
| 10    | 2             | 70.900           | 10.000000         | 1468.000                  | ---                       | 205.000                                |
| 11    | 1             | 72.700           | 10.000000         | ---                       | ---                       | 702.000                                |

## Detailed Results for Radar Type 5\_Trial 24

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 64.900           | 8.000000          | 1505.000                  | 942.000                   | 403.000                                |
| 2     | 2             | 74.300           | 8.000000          | 1789.000                  | ---                       | 177.000                                |
| 3     | 3             | 70.800           | 8.000000          | 1084.000                  | 1077.000                  | 477.000                                |
| 4     | 2             | 89.800           | 8.000000          | 1727.000                  | ---                       | 39.000                                 |
| 5     | 2             | 93.800           | 8.000000          | 1220.000                  | ---                       | 581.000                                |
| 6     | 3             | 71.300           | 8.000000          | 1699.000                  | 1079.000                  | 519.000                                |
| 7     | 2             | 73.200           | 8.000000          | 1306.000                  | ---                       | 9.000                                  |
| 8     | 2             | 78.200           | 8.000000          | 1010.000                  | ---                       | 72.000                                 |
| 9     | 3             | 65.600           | 8.000000          | 1443.000                  | 1201.000                  | 152.000                                |
| 10    | 2             | 80.300           | 8.000000          | 1521.000                  | ---                       | 187.000                                |
| 11    | 1             | 53.000           | 8.000000          | ---                       | ---                       | 669.000                                |
| 12    | 2             | 97.600           | 8.000000          | 1808.000                  | ---                       | 558.000                                |
| 13    | 2             | 69.000           | 8.000000          | 1583.000                  | ---                       | 502.000                                |
| 14    | 3             | 98.300           | 8.000000          | 1282.000                  | 1548.000                  | 356.000                                |
| 15    | 3             | 58.000           | 8.000000          | 1058.000                  | 1448.000                  | 179.000                                |
| 16    | 2             | 53.300           | 8.000000          | 993.000                   | ---                       | 253.000                                |
| 17    | 2             | 78.600           | 8.000000          | 1265.000                  | ---                       | 413.000                                |

## Detailed Results for Radar Type 5\_Trial 25

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 97.900           | 7.000000          | 1124.000                  | ---                       | 368.000                                |
| 2     | 2             | 94.200           | 7.000000          | 1097.000                  | ---                       | 363.000                                |
| 3     | 2             | 95.600           | 7.000000          | 1706.000                  | ---                       | 338.000                                |
| 4     | 3             | 60.700           | 7.000000          | 1726.000                  | 1788.000                  | 628.000                                |
| 5     | 2             | 79.600           | 7.000000          | 921.000                   | ---                       | 352.000                                |
| 6     | 2             | 55.700           | 7.000000          | 1463.000                  | ---                       | 71.000                                 |
| 7     | 2             | 92.300           | 7.000000          | 1486.000                  | ---                       | 208.000                                |
| 8     | 3             | 59.600           | 7.000000          | 1550.000                  | 1830.000                  | 605.000                                |
| 9     | 2             | 95.900           | 7.000000          | 1529.000                  | ---                       | 727.000                                |
| 10    | 2             | 87.500           | 7.000000          | 1521.000                  | ---                       | 637.000                                |
| 11    | 3             | 81.100           | 7.000000          | 961.000                   | 1815.000                  | 593.000                                |
| 12    | 3             | 93.000           | 7.000000          | 1246.000                  | 1717.000                  | 400.000                                |
| 13    | 3             | 62.500           | 7.000000          | 1219.000                  | 1563.000                  | 742.000                                |
| 14    | 1             | 70.400           | 7.000000          | ---                       | ---                       | 627.000                                |
| 15    | 2             | 63.400           | 7.000000          | 1345.000                  | ---                       | 439.000                                |
| 16    | 1             | 78.000           | 7.000000          | ---                       | ---                       | 663.000                                |

## Detailed Results for Radar Type 5\_Trial 26

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 63.100           | 5.000000          | 1767.000                  | ---                       | 49.000                                 |
| 2     | 2             | 54.000           | 5.000000          | 1907.000                  | ---                       | 76.000                                 |
| 3     | 1             | 74.000           | 5.000000          | ---                       | ---                       | 573.000                                |
| 4     | 3             | 69.500           | 5.000000          | 1490.000                  | 1185.000                  | 440.000                                |
| 5     | 2             | 62.300           | 5.000000          | 1013.000                  | ---                       | 645.000                                |
| 6     | 2             | 52.800           | 5.000000          | 1682.000                  | ---                       | 178.000                                |
| 7     | 2             | 90.100           | 5.000000          | 1367.000                  | ---                       | 171.000                                |
| 8     | 1             | 86.200           | 5.000000          | ---                       | ---                       | 251.000                                |
| 9     | 2             | 94.800           | 5.000000          | 908.000                   | ---                       | 307.000                                |
| 10    | 2             | 66.500           | 5.000000          | 972.000                   | ---                       | 415.000                                |
| 11    | 3             | 60.800           | 5.000000          | 1555.000                  | 1769.000                  | 440.000                                |
| 12    | 2             | 69.200           | 5.000000          | 1364.000                  | ---                       | 408.000                                |
| 13    | 2             | 82.600           | 5.000000          | 1077.000                  | ---                       | 86.000                                 |
| 14    | 3             | 89.600           | 5.000000          | 934.000                   | 1096.000                  | 215.000                                |
| 15    | 2             | 87.700           | 5.000000          | 958.000                   | ---                       | 272.000                                |
| 16    | 2             | 74.300           | 5.000000          | 1246.000                  | ---                       | 576.000                                |
| 17    | 1             | 98.600           | 5.000000          | ---                       | ---                       | 262.000                                |
| 18    | 3             | 82.600           | 5.000000          | 1172.000                  | 1322.000                  | 628.000                                |

## Detailed Results for Radar Type 5\_Trial 27

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 80.100           | 9.000000          | ---                       | ---                       | 183.000                                |
| 2     | 2             | 59.600           | 9.000000          | 946.000                   | ---                       | 473.000                                |
| 3     | 2             | 89.000           | 9.000000          | 1573.000                  | ---                       | 426.000                                |
| 4     | 2             | 68.300           | 9.000000          | 1801.000                  | ---                       | 366.000                                |
| 5     | 1             | 89.400           | 9.000000          | ---                       | ---                       | 250.000                                |
| 6     | 2             | 64.000           | 9.000000          | 958.000                   | ---                       | 447.000                                |
| 7     | 2             | 82.200           | 9.000000          | 1272.000                  | ---                       | 585.000                                |
| 8     | 2             | 67.300           | 9.000000          | 1688.000                  | ---                       | 134.000                                |
| 9     | 2             | 52.500           | 9.000000          | 1696.000                  | ---                       | 264.000                                |
| 10    | 2             | 84.100           | 9.000000          | 1133.000                  | ---                       | 335.000                                |
| 11    | 2             | 53.000           | 9.000000          | 1374.000                  | ---                       | 890.000                                |
| 12    | 2             | 62.000           | 9.000000          | 1636.000                  | ---                       | 526.000                                |
| 13    | 3             | 96.100           | 9.000000          | 1660.000                  | 1103.000                  | 493.000                                |

## Detailed Results for Radar Type 5\_Trial 28

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 51.000           | 9.000000          | 1731.000                  | ---                       | 259.000                                |
| 2     | 2             | 69.300           | 9.000000          | 1762.000                  | ---                       | 617.000                                |
| 3     | 1             | 94.600           | 9.000000          | ---                       | ---                       | 379.000                                |
| 4     | 2             | 65.100           | 9.000000          | 1536.000                  | ---                       | 103.000                                |
| 5     | 3             | 51.100           | 9.000000          | 1546.000                  | 1400.000                  | 650.000                                |
| 6     | 2             | 86.100           | 9.000000          | 1619.000                  | ---                       | 221.000                                |
| 7     | 1             | 80.000           | 9.000000          | ---                       | ---                       | 44.000                                 |
| 8     | 1             | 60.800           | 9.000000          | ---                       | ---                       | 384.000                                |
| 9     | 3             | 56.200           | 9.000000          | 1627.000                  | 1397.000                  | 126.000                                |
| 10    | 1             | 99.700           | 9.000000          | ---                       | ---                       | 20.000                                 |
| 11    | 1             | 84.000           | 9.000000          | ---                       | ---                       | 411.000                                |
| 12    | 3             | 83.100           | 9.000000          | 1223.000                  | 1586.000                  | 232.000                                |
| 13    | 1             | 50.900           | 9.000000          | ---                       | ---                       | 179.000                                |
| 14    | 1             | 53.200           | 9.000000          | ---                       | ---                       | 48.000                                 |
| 15    | 2             | 71.800           | 9.000000          | 1079.000                  | ---                       | 692.000                                |
| 16    | 2             | 66.300           | 9.000000          | 1893.000                  | ---                       | 503.000                                |
| 17    | 2             | 51.200           | 9.000000          | 1362.000                  | ---                       | 455.000                                |

## Detailed Results for Radar Type 5\_Trial 29

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 80.900           | 6.000000          | ---                       | ---                       | 565.000                                |
| 2     | 3             | 55.800           | 6.000000          | 1708.000                  | 1448.000                  | 439.000                                |
| 3     | 2             | 93.400           | 6.000000          | 985.000                   | ---                       | 706.000                                |
| 4     | 2             | 83.200           | 6.000000          | 1912.000                  | ---                       | 758.000                                |
| 5     | 3             | 59.100           | 6.000000          | 1594.000                  | 1591.000                  | 79.000                                 |
| 6     | 2             | 74.400           | 6.000000          | 939.000                   | ---                       | 107.000                                |
| 7     | 3             | 85.400           | 6.000000          | 1733.000                  | 1253.000                  | 238.000                                |
| 8     | 3             | 98.000           | 6.000000          | 1896.000                  | 1606.000                  | 373.000                                |
| 9     | 1             | 92.100           | 6.000000          | ---                       | ---                       | 363.000                                |
| 10    | 1             | 84.400           | 6.000000          | ---                       | ---                       | 227.000                                |
| 11    | 2             | 67.400           | 6.000000          | 1272.000                  | ---                       | 646.000                                |
| 12    | 3             | 92.000           | 6.000000          | 1831.000                  | 1066.000                  | 457.000                                |
| 13    | 3             | 87.500           | 6.000000          | 1763.000                  | 1055.000                  | 22.000                                 |

## Detailed Results for Radar Type 5\_Trial 30

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 97.300           | 12.000000         | 1764.000                  | 1049.000                  | 85.000                                 |
| 2     | 1             | 83.400           | 12.000000         | ---                       | ---                       | 882.000                                |
| 3     | 1             | 94.700           | 12.000000         | ---                       | ---                       | 903.000                                |
| 4     | 2             | 60.100           | 12.000000         | 1023.000                  | ---                       | 878.000                                |
| 5     | 2             | 54.600           | 12.000000         | 1385.000                  | ---                       | 1271.000                               |
| 6     | 3             | 88.100           | 12.000000         | 1088.000                  | 1048.000                  | 932.000                                |
| 7     | 3             | 90.200           | 12.000000         | 1799.000                  | 1142.000                  | 226.000                                |
| 8     | 3             | 63.400           | 12.000000         | 1149.000                  | 971.000                   | 1426.000                               |

## Detailed Results for Radar Type 6

| Trial Number | Pulse Width (μs) | PRI (μs) | No. of Pulses | Pulses Detected | Comment |
|--------------|------------------|----------|---------------|-----------------|---------|
| 1            | 1.000            | 300.000  | 9             | YES             |         |
| 2            | 1.000            | 300.000  | 9             | YES             |         |
| 3            | 1.000            | 300.000  | 9             | YES             |         |
| 4            | 1.000            | 300.000  | 9             | YES             |         |
| 5            | 1.000            | 300.000  | 9             | YES             |         |
| 6            | 1.000            | 300.000  | 9             | YES             |         |
| 7            | 1.000            | 300.000  | 9             | YES             |         |
| 8            | 1.000            | 300.000  | 9             | YES             |         |
| 9            | 1.000            | 300.000  | 9             | YES             |         |
| 10           | 1.000            | 300.000  | 9             | YES             |         |
| 11           | 1.000            | 300.000  | 9             | YES             |         |
| 12           | 1.000            | 300.000  | 9             | YES             |         |
| 13           | 1.000            | 300.000  | 9             | YES             |         |
| 14           | 1.000            | 300.000  | 9             | YES             |         |
| 15           | 1.000            | 300.000  | 9             | YES             |         |
| 16           | 1.000            | 300.000  | 9             | YES             |         |
| 17           | 1.000            | 300.000  | 9             | YES             |         |
| 18           | 1.000            | 300.000  | 9             | YES             |         |
| 19           | 1.000            | 300.000  | 9             | YES             |         |
| 20           | 1.000            | 300.000  | 9             | YES             |         |
| 21           | 1.000            | 300.000  | 9             | YES             |         |
| 22           | 1.000            | 300.000  | 9             | YES             |         |
| 23           | 1.000            | 300.000  | 9             | YES             |         |
| 24           | 1.000            | 300.000  | 9             | YES             |         |
| 25           | 1.000            | 300.000  | 9             | YES             |         |
| 26           | 1.000            | 300.000  | 9             | YES             |         |
| 27           | 1.000            | 300.000  | 9             | YES             |         |
| 28           | 1.000            | 300.000  | 9             | YES             |         |
| 29           | 1.000            | 300.000  | 9             | YES             |         |
| 30           | 1.000            | 300.000  | 9             | YES             |         |

## Radar level verification

| Description / Formula                                                                                                                                                                                                                                                                            | Value                                                             | Unit |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------|
| IF((<br>{DFS Mode(0/1/2)}=0)or(<br>{DFS Mode(0/1/2)}=1) , IF((dBm2W(<br>{Nominal Power[dBm]}>0.2) , -64 , IF(<br>{Configured PSD[dBm]}<10) , -62 , -64))+<br>{Attenuation Vector Generator to DUT[dB]} , -50+<br>{Attenuation Vector Generator to COMP[dB]}+<br>{Radar Signal Level Offset[dB]}) | Given setting / formula<br>to calculate<br>Vector Generator level | --   |
| Requirement of the Detection threshold value<br>for this given values acc. to FCC clause 5.2 / Table 3                                                                                                                                                                                           | -64                                                               | dBm  |
| Vector Generator level setting                                                                                                                                                                                                                                                                   | -18.01                                                            | dBm  |
| Configured overall pathloss from Vector Generator<br>RF out to DUT connector of 'DUT to OSP'-cable                                                                                                                                                                                               | 44.99                                                             | dB   |
| Given additional level added to the amplitude of<br>the waveform to account for variations in measurement<br>equipment acc. to FCC clause 5.2 / Table 3 / Note 2                                                                                                                                 | 1.00                                                              | dB   |
| This results in the following radar signal<br>level at the DUT                                                                                                                                                                                                                                   | -63.00                                                            | dBm  |

## Settings for Radar Type 1 to 4

| Setting          | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Center Frequency | 5.51000 GHz      | 5.51000 GHz  |
| Span             | ZeroSpan         | ZeroSpan     |
| RBW              | 3.000 MHz        | >= 3.000 MHz |
| VBW              | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints      | 30001            | ~ 30001      |
| SweepTime        | 12.000 s         | 12.000 s     |
| Reference Level  | -10.000 dBm      | -10.000 dBm  |
| Attenuation      | 0.000 dB         | 0.000 dB     |
| Detector         | MaxPeak          | MaxPeak      |
| SweepCount       | 1                | 1            |
| Filter           | 3 dB             | 3 dB         |
| Trace Mode       | Clear Write      | Clear Write  |
| SweepType        | Sweep            | AUTO         |
| Preamp           | off              | off          |
| Trigger          | External         | External     |
| Trigger Offset   | 1.000 s          | 1.000 s      |

## Settings for Long Pulse Radar Type 5 (Simulated)

| Setting          | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Center Frequency | 0.00000 Hz       | 0.00000 Hz   |
| Span             | 0.000 Hz         | 0.000 Hz     |
| RBW              | 0.000 Hz         | ~ 0.000 Hz   |
| VBW              | 0.000 Hz         | ~ 0.000 Hz   |
| SweepPoints      | 0                | ~ 0          |
| SweepTime        | 0.000 s          | 0.000 s      |
| Reference Level  | 0.000 dBm        | 0.000 dBm    |
| Attenuation      | 0.000 dB         | 0.000 dB     |
| Detector         | RMS              | RMS          |
| SweepCount       | 0                | 0            |
| Filter           | 3 dB             | 3 dB         |
| Trace Mode       |                  | ~            |
| SweepType        | AUTO             | AUTO         |
| Preamp           | off              | off          |

## Settings for Freq. Hopping Radar Type 6 (Simulated)

| Setting          | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Center Frequency | 0.00000 Hz       | 0.00000 Hz   |
| Span             | 0.000 Hz         | 0.000 Hz     |
| RBW              | 0.000 Hz         | ~ 0.000 Hz   |
| VBW              | 0.000 Hz         | ~ 0.000 Hz   |
| SweepPoints      | 0                | ~ 0          |
| SweepTime        | 0.000 s          | 0.000 s      |
| Reference Level  | 0.000 dBm        | 0.000 dBm    |
| Attenuation      | 0.000 dB         | 0.000 dB     |
| Detector         | RMS              | RMS          |
| SweepCount       | 0                | 0            |
| Filter           | 3 dB             | 3 dB         |
| Trace Mode       |                  | ~            |
| SweepType        | AUTO             | AUTO         |
| Preamp           | off              | off          |

## OSP Video Detector

| Setting          | Instrument Value | Target Value  |
|------------------|------------------|---------------|
| Measurement Time | 12.000 s         | 12.000 s      |
| Samplerate       | 2500 kHz         | 2500 kHz      |
| Tracepoints      | 30000000         | 30000000      |
| Time resolution  | 4.000 $\mu$ s    | 4.000 $\mu$ s |
| Detector         | Peak             | Peak          |

## DFS Statistical Performance Check (5530 MHz; 80 MHz)

Test according to FCC title 47 part 15 §15.407(h), KDB 905462 D02 U-NII DFS Compliance Procedures New Rules v02

### Measurement Summary

| DUT Frequency (MHz) | Radar Type No. | Detection count | Percentage of Detection Px | Detection Limit | Overall Result | Overall Comment |
|---------------------|----------------|-----------------|----------------------------|-----------------|----------------|-----------------|
| 5530.000000         | 1              | 29 of 30        | 96.67%                     | 60.0 %          | PASS           |                 |
| 5530.000000         | 2              | 29 of 30        | 96.67%                     | 60.0 %          | PASS           |                 |
| 5530.000000         | 3              | 27 of 30        | 90.00%                     | 60.0 %          | PASS           |                 |
| 5530.000000         | 4              | 27 of 30        | 90.00%                     | 60.0 %          | PASS           |                 |
| 5530.000000         | 5              | 30 of 30        | 100.00%                    | 80.0 %          | PASS           |                 |
| 5530.000000         | 6              | 28 of 30        | 93.33%                     | 70.0 %          | PASS           |                 |

### Aggregate Results for Short Pulse Radar Type 1-4

| Aggregate Calculation as follows | Aggregate Percentage | Aggregate Limit | Aggregate Result | Aggregate Comment |
|----------------------------------|----------------------|-----------------|------------------|-------------------|
| (P1 + P2 + P3 + P4) / 4          | 93.33%               | 80.0 %          | PASS             |                   |

## Detailed Results for Radar Type 1

| Trial Number | Random Trial used | Pulse Width (μs) | PRI (μs) | No. of Pulses | Pulses Detected | Comment |
|--------------|-------------------|------------------|----------|---------------|-----------------|---------|
| 1            | 1                 | 1.000            | 518.000  | 102           | YES             |         |
| 2            | 44                | 1.000            | 2474.000 | 22            | YES             |         |
| 3            | 31                | 1.000            | 1205.000 | 44            | YES             |         |
| 4            | 9                 | 1.000            | 678.000  | 78            | YES             |         |
| 5            | 4                 | 1.000            | 578.000  | 92            | YES             |         |
| 6            | 11                | 1.000            | 718.000  | 74            | YES             |         |
| 7            | 32                | 1.000            | 1303.000 | 41            | YES             |         |
| 8            | 17                | 1.000            | 838.000  | 63            | YES             |         |
| 9            | 22                | 1.000            | 938.000  | 57            | YES             |         |
| 10           | 12                | 1.000            | 738.000  | 72            | YES             |         |
| 11           | 2                 | 1.000            | 538.000  | 99            | YES             |         |
| 12           | 40                | 1.000            | 2084.000 | 26            | YES             |         |
| 13           | 6                 | 1.000            | 618.000  | 86            | YES             |         |
| 14           | 37                | 1.000            | 1791.000 | 30            | YES             |         |
| 15           | 49                | 1.000            | 2962.000 | 18            | YES             |         |
| 16           | 8                 | 1.000            | 658.000  | 81            | YES             |         |
| 17           | 10                | 1.000            | 698.000  | 76            | YES             |         |
| 18           | 48                | 1.000            | 2864.000 | 19            | YES             |         |
| 19           | 34                | 1.000            | 1498.000 | 36            | YES             |         |
| 20           | 28                | 1.000            | 912.000  | 58            | YES             |         |
| 21           | 19                | 1.000            | 878.000  | 61            | YES             |         |
| 22           | 36                | 1.000            | 1693.000 | 32            | No              |         |
| 23           | 29                | 1.000            | 1010.000 | 53            | YES             |         |
| 24           | 5                 | 1.000            | 598.000  | 89            | YES             |         |
| 25           | 13                | 1.000            | 758.000  | 70            | YES             |         |
| 26           | 35                | 1.000            | 1596.000 | 34            | YES             |         |
| 27           | 23                | 1.000            | 3066.000 | 18            | YES             |         |
| 28           | 15                | 1.000            | 798.000  | 67            | YES             |         |
| 29           | 50                | 1.000            | 3060.000 | 18            | YES             |         |
| 30           | 3                 | 1.000            | 558.000  | 95            | YES             |         |

## Detailed Results for Radar Type 2

| Trial Number | Random Trial used | Pulse Width (μs) | PRI (μs) | No. of Pulses | Pulses Detected | Comment |
|--------------|-------------------|------------------|----------|---------------|-----------------|---------|
| 1            | 5                 | 3.500            | 226.000  | 26            | YES             |         |
| 2            | 10                | 1.200            | 175.000  | 26            | YES             |         |
| 3            | 22                | 2.400            | 209.000  | 26            | YES             |         |
| 4            | 35                | 1.200            | 206.000  | 24            | YES             |         |
| 5            | 15                | 2.200            | 180.000  | 29            | YES             |         |
| 6            | 20                | 1.200            | 185.000  | 25            | YES             |         |
| 7            | 18                | 2.000            | 153.000  | 24            | YES             |         |
| 8            | 26                | 3.700            | 217.000  | 28            | YES             |         |
| 9            | 19                | 2.000            | 200.000  | 25            | YES             |         |
| 10           | 38                | 2.000            | 180.000  | 25            | No              |         |
| 11           | 48                | 4.200            | 227.000  | 24            | YES             |         |
| 12           | 39                | 4.900            | 163.000  | 23            | YES             |         |
| 13           | 25                | 4.400            | 202.000  | 24            | YES             |         |
| 14           | 13                | 2.200            | 193.000  | 24            | YES             |         |
| 15           | 32                | 3.700            | 222.000  | 26            | YES             |         |
| 16           | 45                | 3.200            | 227.000  | 29            | YES             |         |
| 17           | 21                | 3.600            | 193.000  | 28            | YES             |         |
| 18           | 14                | 4.800            | 175.000  | 24            | YES             |         |
| 19           | 31                | 4.000            | 154.000  | 28            | YES             |         |
| 20           | 12                | 3.100            | 182.000  | 28            | YES             |         |
| 21           | 46                | 3.000            | 191.000  | 28            | YES             |         |
| 22           | 6                 | 3.700            | 161.000  | 26            | YES             |         |
| 23           | 28                | 1.700            | 216.000  | 27            | YES             |         |
| 24           | 7                 | 1.400            | 185.000  | 27            | YES             |         |
| 25           | 16                | 3.600            | 194.000  | 26            | YES             |         |
| 26           | 50                | 4.100            | 158.000  | 25            | YES             |         |
| 27           | 4                 | 4.700            | 200.000  | 23            | YES             |         |
| 28           | 49                | 1.800            | 159.000  | 25            | YES             |         |
| 29           | 24                | 4.400            | 188.000  | 27            | YES             |         |
| 30           | 29                | 4.100            | 189.000  | 26            | YES             |         |

### Detailed Results for Radar Type 3

| Trial Number | Random Trial used | Pulse Width (μs) | PRI (μs) | No. of Pulses | Pulses Detected | Comment |
|--------------|-------------------|------------------|----------|---------------|-----------------|---------|
| 1            | 42                | 8.600            | 493.000  | 17            | YES             |         |
| 2            | 11                | 9.000            | 500.000  | 16            | YES             |         |
| 3            | 19                | 9.600            | 336.000  | 18            | YES             |         |
| 4            | 48                | 9.000            | 448.000  | 18            | YES             |         |
| 5            | 37                | 7.500            | 217.000  | 17            | YES             |         |
| 6            | 39                | 7.200            | 358.000  | 18            | No              |         |
| 7            | 46                | 8.500            | 349.000  | 17            | YES             |         |
| 8            | 45                | 6.700            | 426.000  | 17            | YES             |         |
| 9            | 50                | 7.700            | 206.000  | 17            | YES             |         |
| 10           | 47                | 9.800            | 250.000  | 17            | YES             |         |
| 11           | 15                | 8.100            | 436.000  | 17            | YES             |         |
| 12           | 33                | 9.000            | 430.000  | 18            | YES             |         |
| 13           | 10                | 9.800            | 206.000  | 17            | YES             |         |
| 14           | 40                | 7.400            | 271.000  | 17            | No              |         |
| 15           | 5                 | 8.200            | 464.000  | 18            | YES             |         |
| 16           | 16                | 8.900            | 340.000  | 16            | YES             |         |
| 17           | 36                | 9.800            | 494.000  | 17            | YES             |         |
| 18           | 12                | 8.000            | 463.000  | 17            | YES             |         |
| 19           | 32                | 8.700            | 356.000  | 18            | YES             |         |
| 20           | 25                | 9.600            | 458.000  | 17            | YES             |         |
| 21           | 9                 | 6.300            | 454.000  | 17            | No              |         |
| 22           | 1                 | 8.000            | 494.000  | 18            | YES             |         |
| 23           | 13                | 8.400            | 343.000  | 17            | YES             |         |
| 24           | 49                | 6.500            | 288.000  | 18            | YES             |         |
| 25           | 14                | 6.600            | 455.000  | 16            | YES             |         |
| 26           | 20                | 8.200            | 272.000  | 18            | YES             |         |
| 27           | 3                 | 9.500            | 297.000  | 16            | YES             |         |
| 28           | 21                | 8.100            | 204.000  | 17            | YES             |         |
| 29           | 24                | 6.000            | 378.000  | 17            | YES             |         |
| 30           | 34                | 6.400            | 477.000  | 17            | YES             |         |

## Detailed Results for Radar Type 4

| Trial Number | Random Trial used | Pulse Width (μs) | PRI (μs) | No. of Pulses | Pulses Detected | Comment |
|--------------|-------------------|------------------|----------|---------------|-----------------|---------|
| 1            | 2                 | 19.900           | 428.000  | 12            | YES             |         |
| 2            | 7                 | 18.600           | 236.000  | 12            | YES             |         |
| 3            | 17                | 17.100           | 308.000  | 15            | YES             |         |
| 4            | 22                | 17.800           | 420.000  | 13            | YES             |         |
| 5            | 23                | 18.300           | 265.000  | 14            | YES             |         |
| 6            | 30                | 11.800           | 384.000  | 14            | YES             |         |
| 7            | 8                 | 14.100           | 283.000  | 15            | YES             |         |
| 8            | 21                | 11.700           | 483.000  | 16            | YES             |         |
| 9            | 38                | 15.500           | 451.000  | 15            | YES             |         |
| 10           | 26                | 18.900           | 299.000  | 16            | YES             |         |
| 11           | 34                | 17.300           | 366.000  | 14            | No              |         |
| 12           | 27                | 15.600           | 303.000  | 13            | YES             |         |
| 13           | 11                | 14.900           | 223.000  | 12            | YES             |         |
| 14           | 43                | 15.800           | 410.000  | 15            | YES             |         |
| 15           | 40                | 13.600           | 237.000  | 15            | No              |         |
| 16           | 50                | 14.400           | 286.000  | 12            | YES             |         |
| 17           | 48                | 14.500           | 433.000  | 12            | YES             |         |
| 18           | 5                 | 14.100           | 478.000  | 15            | No              |         |
| 19           | 47                | 17.700           | 416.000  | 12            | YES             |         |
| 20           | 37                | 18.100           | 200.000  | 15            | YES             |         |
| 21           | 14                | 16.600           | 212.000  | 16            | YES             |         |
| 22           | 32                | 12.600           | 293.000  | 15            | YES             |         |
| 23           | 25                | 16.600           | 282.000  | 16            | YES             |         |
| 24           | 18                | 15.600           | 420.000  | 15            | YES             |         |
| 25           | 4                 | 12.600           | 360.000  | 14            | YES             |         |
| 26           | 6                 | 18.500           | 499.000  | 13            | YES             |         |
| 27           | 20                | 12.300           | 438.000  | 13            | YES             |         |
| 28           | 41                | 13.300           | 439.000  | 14            | YES             |         |
| 29           | 15                | 14.700           | 324.000  | 13            | YES             |         |
| 30           | 28                | 13.000           | 309.000  | 14            | YES             |         |

## Detailed Results for Radar Type 5

| Trial Number | Random Trial used | Pulses Detected | Comment                                                  |
|--------------|-------------------|-----------------|----------------------------------------------------------|
| 1            | 49                | YES             | For detailed burst Data see separate table Type5_Trial1  |
| 2            | 45                | YES             | For detailed burst Data see separate table Type5_Trial2  |
| 3            | 21                | YES             | For detailed burst Data see separate table Type5_Trial3  |
| 4            | 4                 | YES             | For detailed burst Data see separate table Type5_Trial4  |
| 5            | 16                | YES             | For detailed burst Data see separate table Type5_Trial5  |
| 6            | 13                | YES             | For detailed burst Data see separate table Type5_Trial6  |
| 7            | 29                | YES             | For detailed burst Data see separate table Type5_Trial7  |
| 8            | 32                | YES             | For detailed burst Data see separate table Type5_Trial8  |
| 9            | 22                | YES             | For detailed burst Data see separate table Type5_Trial9  |
| 10           | 44                | YES             | For detailed burst Data see separate table Type5_Trial10 |
| 11           | 31                | YES             | For detailed burst Data see separate table Type5_Trial11 |
| 12           | 7                 | YES             | For detailed burst Data see separate table Type5_Trial12 |
| 13           | 11                | YES             | For detailed burst Data see separate table Type5_Trial13 |
| 14           | 35                | YES             | For detailed burst Data see separate table Type5_Trial14 |
| 15           | 38                | YES             | For detailed burst Data see separate table Type5_Trial15 |
| 16           | 27                | YES             | For detailed burst Data see separate table Type5_Trial16 |
| 17           | 42                | YES             | For detailed burst Data see separate table Type5_Trial17 |
| 18           | 20                | YES             | For detailed burst Data see separate table Type5_Trial18 |
| 19           | 24                | YES             | For detailed burst Data see separate table Type5_Trial19 |
| 20           | 23                | YES             | For detailed burst Data see separate table Type5_Trial20 |
| 21           | 47                | YES             | For detailed burst Data see separate table Type5_Trial21 |
| 22           | 50                | YES             | For detailed burst Data see separate table Type5_Trial22 |
| 23           | 5                 | YES             | For detailed burst Data see separate table Type5_Trial23 |
| 24           | 48                | YES             | For detailed burst Data see separate table Type5_Trial24 |
| 25           | 28                | YES             | For detailed burst Data see separate table Type5_Trial25 |
| 26           | 9                 | YES             | For detailed burst Data see separate table Type5_Trial26 |
| 27           | 40                | YES             | For detailed burst Data see separate table Type5_Trial27 |
| 28           | 33                | YES             | For detailed burst Data see separate table Type5_Trial28 |
| 29           | 30                | YES             | For detailed burst Data see separate table Type5_Trial29 |
| 30           | 17                | YES             | For detailed burst Data see separate table Type5_Trial30 |

## Detailed Results for Radar Type 5\_Trial 1

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 69.400           | 19.000000         | 1872.000                  | ---                       | 221.000                                |
| 2     | 2             | 59.100           | 19.000000         | 1839.000                  | ---                       | 120.000                                |
| 3     | 3             | 76.800           | 19.000000         | 1911.000                  | 981.000                   | 550.000                                |
| 4     | 2             | 70.500           | 19.000000         | 1328.000                  | ---                       | 331.000                                |
| 5     | 1             | 63.100           | 19.000000         | ---                       | ---                       | 681.000                                |
| 6     | 3             | 59.900           | 19.000000         | 1048.000                  | 1055.000                  | 264.000                                |
| 7     | 2             | 50.000           | 19.000000         | 1246.000                  | ---                       | 301.000                                |
| 8     | 2             | 53.200           | 19.000000         | 993.000                   | ---                       | 222.000                                |
| 9     | 1             | 80.500           | 19.000000         | ---                       | ---                       | 496.000                                |
| 10    | 2             | 86.900           | 19.000000         | 1135.000                  | ---                       | 371.000                                |
| 11    | 3             | 99.000           | 19.000000         | 1818.000                  | 935.000                   | 639.000                                |
| 12    | 3             | 85.200           | 19.000000         | 1495.000                  | 1079.000                  | 633.000                                |
| 13    | 3             | 68.700           | 19.000000         | 1289.000                  | 1482.000                  | 99.000                                 |
| 14    | 2             | 85.700           | 19.000000         | 1340.000                  | ---                       | 358.000                                |
| 15    | 2             | 82.900           | 19.000000         | 1395.000                  | ---                       | 502.000                                |
| 16    | 2             | 53.400           | 19.000000         | 1111.000                  | ---                       | 74.000                                 |
| 17    | 2             | 97.400           | 19.000000         | 1764.000                  | ---                       | 476.000                                |

## Detailed Results for Radar Type 5\_Trial 2

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 52.400           | 9.000000          | 974.000                   | ---                       | 609.000                                |
| 2     | 2             | 55.800           | 9.000000          | 1319.000                  | ---                       | 738.000                                |
| 3     | 2             | 58.000           | 9.000000          | 1056.000                  | ---                       | 899.000                                |
| 4     | 2             | 50.700           | 9.000000          | 975.000                   | ---                       | 575.000                                |
| 5     | 1             | 54.600           | 9.000000          | ---                       | ---                       | 73.000                                 |
| 6     | 2             | 82.900           | 9.000000          | 1205.000                  | ---                       | 107.000                                |
| 7     | 2             | 51.100           | 9.000000          | 991.000                   | ---                       | 451.000                                |
| 8     | 2             | 94.700           | 9.000000          | 1862.000                  | ---                       | 331.000                                |
| 9     | 2             | 65.500           | 9.000000          | 1034.000                  | ---                       | 871.000                                |
| 10    | 2             | 62.000           | 9.000000          | 1226.000                  | ---                       | 12.000                                 |
| 11    | 3             | 65.600           | 9.000000          | 1015.000                  | 1040.000                  | 157.000                                |
| 12    | 2             | 54.800           | 9.000000          | 1350.000                  | ---                       | 641.000                                |
| 13    | 2             | 68.900           | 9.000000          | 1496.000                  | ---                       | 791.000                                |

### Detailed Results for Radar Type 5\_Trial 3

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 66.400           | 15.000000         | 1599.000                  | 1875.000                  | 190.000                                |
| 2     | 1             | 73.600           | 15.000000         | ---                       | ---                       | 165.000                                |
| 3     | 2             | 55.200           | 15.000000         | 1726.000                  | ---                       | 332.000                                |
| 4     | 2             | 62.700           | 15.000000         | 1752.000                  | ---                       | 117.000                                |
| 5     | 3             | 50.600           | 15.000000         | 1523.000                  | 1052.000                  | 572.000                                |
| 6     | 2             | 57.800           | 15.000000         | 944.000                   | ---                       | 746.000                                |
| 7     | 3             | 98.000           | 15.000000         | 1343.000                  | 1215.000                  | 147.000                                |
| 8     | 2             | 82.800           | 15.000000         | 1182.000                  | ---                       | 30.000                                 |
| 9     | 2             | 62.900           | 15.000000         | 1549.000                  | ---                       | 395.000                                |
| 10    | 2             | 50.700           | 15.000000         | 1196.000                  | ---                       | 333.000                                |
| 11    | 3             | 69.200           | 15.000000         | 1106.000                  | 1036.000                  | 388.000                                |
| 12    | 3             | 60.900           | 15.000000         | 1175.000                  | 1183.000                  | 612.000                                |
| 13    | 2             | 78.500           | 15.000000         | 1908.000                  | ---                       | 125.000                                |
| 14    | 2             | 67.800           | 15.000000         | 1667.000                  | ---                       | 502.000                                |
| 15    | 2             | 58.000           | 15.000000         | 1869.000                  | ---                       | 224.000                                |

## Detailed Results for Radar Type 5\_Trial 4

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 64.600           | 15.000000         | ---                       | ---                       | 373.000                                |
| 2     | 2             | 95.900           | 15.000000         | 1430.000                  | ---                       | 66.000                                 |
| 3     | 2             | 54.800           | 15.000000         | 1287.000                  | ---                       | 696.000                                |
| 4     | 2             | 63.800           | 15.000000         | 1654.000                  | ---                       | 597.000                                |
| 5     | 2             | 55.100           | 15.000000         | 1400.000                  | ---                       | 517.000                                |
| 6     | 2             | 92.900           | 15.000000         | 1849.000                  | ---                       | 259.000                                |
| 7     | 3             | 56.500           | 15.000000         | 1000.000                  | 1682.000                  | 660.000                                |
| 8     | 1             | 61.700           | 15.000000         | ---                       | ---                       | 591.000                                |
| 9     | 1             | 58.100           | 15.000000         | ---                       | ---                       | 474.000                                |
| 10    | 2             | 95.400           | 15.000000         | 1214.000                  | ---                       | 1077.000                               |
| 11    | 2             | 96.700           | 15.000000         | 1667.000                  | ---                       | 917.000                                |

## Detailed Results for Radar Type 5\_Trial 5

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 53.400           | 13.000000         | 1343.000                  | 1742.000                  | 651.000                                |
| 2     | 1             | 57.300           | 13.000000         | ---                       | ---                       | 857.000                                |
| 3     | 1             | 61.900           | 13.000000         | ---                       | ---                       | 567.000                                |
| 4     | 3             | 60.500           | 13.000000         | 1355.000                  | 1499.000                  | 847.000                                |
| 5     | 1             | 62.000           | 13.000000         | ---                       | ---                       | 1014.000                               |
| 6     | 2             | 94.800           | 13.000000         | 1584.000                  | ---                       | 512.000                                |
| 7     | 1             | 64.300           | 13.000000         | ---                       | ---                       | 992.000                                |
| 8     | 3             | 93.200           | 13.000000         | 1157.000                  | 1861.000                  | 285.000                                |
| 9     | 3             | 56.000           | 13.000000         | 1813.000                  | 1900.000                  | 1189.000                               |
| 10    | 2             | 79.100           | 13.000000         | 1234.000                  | ---                       | 1006.000                               |

## Detailed Results for Radar Type 5\_Trial 6

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 51.100           | 19.000000         | ---                       | ---                       | 551.000                                |
| 2     | 2             | 85.100           | 19.000000         | 1734.000                  | ---                       | 404.000                                |
| 3     | 3             | 52.100           | 19.000000         | 1720.000                  | 1874.000                  | 512.000                                |
| 4     | 1             | 74.000           | 19.000000         | ---                       | ---                       | 40.000                                 |
| 5     | 2             | 52.100           | 19.000000         | 1849.000                  | ---                       | 96.000                                 |
| 6     | 2             | 76.700           | 19.000000         | 1657.000                  | ---                       | 349.000                                |
| 7     | 1             | 55.400           | 19.000000         | ---                       | ---                       | 91.000                                 |
| 8     | 3             | 81.200           | 19.000000         | 1796.000                  | 1552.000                  | 89.000                                 |
| 9     | 2             | 60.900           | 19.000000         | 1713.000                  | ---                       | 57.000                                 |
| 10    | 2             | 57.100           | 19.000000         | 1611.000                  | ---                       | 530.000                                |
| 11    | 2             | 50.100           | 19.000000         | 1364.000                  | ---                       | 248.000                                |
| 12    | 1             | 89.400           | 19.000000         | ---                       | ---                       | 296.000                                |
| 13    | 3             | 64.500           | 19.000000         | 1437.000                  | 1500.000                  | 469.000                                |
| 14    | 2             | 72.500           | 19.000000         | 1415.000                  | ---                       | 437.000                                |
| 15    | 3             | 72.200           | 19.000000         | 1705.000                  | 1577.000                  | 554.000                                |
| 16    | 2             | 87.800           | 19.000000         | 1175.000                  | ---                       | 48.000                                 |
| 17    | 2             | 91.300           | 19.000000         | 1613.000                  | ---                       | 537.000                                |
| 18    | 2             | 65.400           | 19.000000         | 1307.000                  | ---                       | 194.000                                |
| 19    | 1             | 56.300           | 19.000000         | ---                       | ---                       | 276.000                                |
| 20    | 2             | 68.900           | 19.000000         | 1611.000                  | ---                       | 430.000                                |

## Detailed Results for Radar Type 5\_Trial 7

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 77.400           | 20.000000         | 1666.000                  | ---                       | 613.000                                |
| 2     | 3             | 99.600           | 20.000000         | 1128.000                  | 1195.000                  | 1083.000                               |
| 3     | 3             | 95.100           | 20.000000         | 1506.000                  | 1563.000                  | 362.000                                |
| 4     | 1             | 84.300           | 20.000000         | ---                       | ---                       | 319.000                                |
| 5     | 3             | 88.900           | 20.000000         | 1568.000                  | 1152.000                  | 604.000                                |
| 6     | 2             | 69.200           | 20.000000         | 995.000                   | ---                       | 451.000                                |
| 7     | 2             | 81.400           | 20.000000         | 1689.000                  | ---                       | 791.000                                |
| 8     | 2             | 88.500           | 20.000000         | 1286.000                  | ---                       | 359.000                                |
| 9     | 3             | 70.600           | 20.000000         | 1189.000                  | 1825.000                  | 241.000                                |
| 10    | 3             | 56.000           | 20.000000         | 1217.000                  | 1783.000                  | 317.000                                |

## Detailed Results for Radar Type 5\_Trial 8

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 80.900           | 6.000000          | ---                       | ---                       | 565.000                                |
| 2     | 3             | 55.800           | 6.000000          | 1708.000                  | 1448.000                  | 439.000                                |
| 3     | 2             | 93.400           | 6.000000          | 985.000                   | ---                       | 706.000                                |
| 4     | 2             | 83.200           | 6.000000          | 1912.000                  | ---                       | 758.000                                |
| 5     | 3             | 59.100           | 6.000000          | 1594.000                  | 1591.000                  | 79.000                                 |
| 6     | 2             | 74.400           | 6.000000          | 939.000                   | ---                       | 107.000                                |
| 7     | 3             | 85.400           | 6.000000          | 1733.000                  | 1253.000                  | 238.000                                |
| 8     | 3             | 98.000           | 6.000000          | 1896.000                  | 1606.000                  | 373.000                                |
| 9     | 1             | 92.100           | 6.000000          | ---                       | ---                       | 363.000                                |
| 10    | 1             | 84.400           | 6.000000          | ---                       | ---                       | 227.000                                |
| 11    | 2             | 67.400           | 6.000000          | 1272.000                  | ---                       | 646.000                                |
| 12    | 3             | 92.000           | 6.000000          | 1831.000                  | 1066.000                  | 457.000                                |
| 13    | 3             | 87.500           | 6.000000          | 1763.000                  | 1055.000                  | 22.000                                 |

## Detailed Results for Radar Type 5\_Trial 9

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 66.600           | 20.000000         | ---                       | ---                       | 330.000                                |
| 2     | 1             | 74.500           | 20.000000         | ---                       | ---                       | 248.000                                |
| 3     | 2             | 68.200           | 20.000000         | 1149.000                  | ---                       | 80.000                                 |
| 4     | 2             | 70.100           | 20.000000         | 1849.000                  | ---                       | 536.000                                |
| 5     | 3             | 65.800           | 20.000000         | 1316.000                  | 1180.000                  | 623.000                                |
| 6     | 3             | 82.100           | 20.000000         | 1690.000                  | 1661.000                  | 503.000                                |
| 7     | 2             | 95.900           | 20.000000         | 1840.000                  | ---                       | 687.000                                |
| 8     | 1             | 51.100           | 20.000000         | ---                       | ---                       | 107.000                                |
| 9     | 2             | 99.600           | 20.000000         | 1035.000                  | ---                       | 389.000                                |
| 10    | 1             | 59.600           | 20.000000         | ---                       | ---                       | 424.000                                |
| 11    | 3             | 96.000           | 20.000000         | 1733.000                  | 1820.000                  | 427.000                                |
| 12    | 3             | 64.400           | 20.000000         | 1553.000                  | 1679.000                  | 204.000                                |
| 13    | 2             | 82.800           | 20.000000         | 1451.000                  | ---                       | 69.000                                 |
| 14    | 2             | 86.800           | 20.000000         | 1508.000                  | ---                       | 573.000                                |
| 15    | 2             | 76.300           | 20.000000         | 1738.000                  | ---                       | 361.000                                |
| 16    | 2             | 83.800           | 20.000000         | 1152.000                  | ---                       | 683.000                                |

## Detailed Results for Radar Type 5\_Trial 10

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 75.600           | 14.000000         | 1717.000                  | 1819.000                  | 814.000                                |
| 2     | 2             | 87.500           | 14.000000         | 1850.000                  | ---                       | 108.000                                |
| 3     | 1             | 69.100           | 14.000000         | ---                       | ---                       | 310.000                                |
| 4     | 2             | 55.800           | 14.000000         | 972.000                   | ---                       | 0.000                                  |
| 5     | 1             | 90.600           | 14.000000         | ---                       | ---                       | 277.000                                |
| 6     | 2             | 87.800           | 14.000000         | 1808.000                  | ---                       | 20.000                                 |
| 7     | 1             | 74.000           | 14.000000         | ---                       | ---                       | 35.000                                 |
| 8     | 3             | 94.800           | 14.000000         | 1120.000                  | 938.000                   | 554.000                                |
| 9     | 2             | 57.200           | 14.000000         | 1619.000                  | ---                       | 141.000                                |
| 10    | 1             | 56.000           | 14.000000         | ---                       | ---                       | 595.000                                |
| 11    | 2             | 99.500           | 14.000000         | 1143.000                  | ---                       | 262.000                                |
| 12    | 2             | 66.500           | 14.000000         | 1675.000                  | ---                       | 557.000                                |

## Detailed Results for Radar Type 5\_Trial 11

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 78.100           | 10.000000         | 1102.000                  | ---                       | 160.000                                |
| 2     | 2             | 51.400           | 10.000000         | 957.000                   | ---                       | 633.000                                |
| 3     | 3             | 85.200           | 10.000000         | 1076.000                  | 1386.000                  | 363.000                                |
| 4     | 1             | 96.300           | 10.000000         | ---                       | ---                       | 992.000                                |
| 5     | 1             | 67.200           | 10.000000         | ---                       | ---                       | 751.000                                |
| 6     | 3             | 68.900           | 10.000000         | 1284.000                  | 1725.000                  | 149.000                                |
| 7     | 2             | 75.900           | 10.000000         | 958.000                   | ---                       | 690.000                                |
| 8     | 2             | 87.000           | 10.000000         | 1715.000                  | ---                       | 512.000                                |
| 9     | 1             | 88.500           | 10.000000         | ---                       | ---                       | 611.000                                |
| 10    | 3             | 61.000           | 10.000000         | 1333.000                  | 1179.000                  | 361.000                                |
| 11    | 1             | 57.000           | 10.000000         | ---                       | ---                       | 214.000                                |
| 12    | 2             | 55.900           | 10.000000         | 1656.000                  | ---                       | 643.000                                |

## Detailed Results for Radar Type 5\_Trial 12

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 76.300           | 6.000000          | 1673.000                  | 1870.000                  | 757.000                                |
| 2     | 1             | 85.600           | 6.000000          | ---                       | ---                       | 712.000                                |
| 3     | 2             | 87.400           | 6.000000          | 1495.000                  | ---                       | 427.000                                |
| 4     | 2             | 67.800           | 6.000000          | 1430.000                  | ---                       | 153.000                                |
| 5     | 1             | 80.900           | 6.000000          | ---                       | ---                       | 197.000                                |
| 6     | 1             | 80.300           | 6.000000          | ---                       | ---                       | 160.000                                |
| 7     | 3             | 86.500           | 6.000000          | 1329.000                  | 1212.000                  | 509.000                                |
| 8     | 1             | 96.300           | 6.000000          | ---                       | ---                       | 828.000                                |
| 9     | 1             | 80.800           | 6.000000          | ---                       | ---                       | 306.000                                |
| 10    | 2             | 74.900           | 6.000000          | 1636.000                  | ---                       | 609.000                                |
| 11    | 3             | 60.400           | 6.000000          | 1278.000                  | 1394.000                  | 269.000                                |
| 12    | 3             | 57.300           | 6.000000          | 1719.000                  | 999.000                   | 826.000                                |
| 13    | 2             | 64.800           | 6.000000          | 1378.000                  | ---                       | 41.000                                 |
| 14    | 2             | 66.600           | 6.000000          | 933.000                   | ---                       | 631.000                                |

## Detailed Results for Radar Type 5\_Trial 13

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 61.700           | 11.000000         | 1264.000                  | 1572.000                  | 640.000                                |
| 2     | 3             | 82.600           | 11.000000         | 923.000                   | 1387.000                  | 439.000                                |
| 3     | 2             | 74.800           | 11.000000         | 1230.000                  | ---                       | 16.000                                 |
| 4     | 2             | 77.700           | 11.000000         | 1544.000                  | ---                       | 613.000                                |
| 5     | 1             | 80.400           | 11.000000         | ---                       | ---                       | 213.000                                |
| 6     | 3             | 88.700           | 11.000000         | 1316.000                  | 1461.000                  | 568.000                                |
| 7     | 3             | 78.100           | 11.000000         | 1065.000                  | 1167.000                  | 387.000                                |
| 8     | 2             | 56.600           | 11.000000         | 1454.000                  | ---                       | 647.000                                |
| 9     | 1             | 63.600           | 11.000000         | ---                       | ---                       | 285.000                                |
| 10    | 2             | 73.100           | 11.000000         | 1369.000                  | ---                       | 189.000                                |
| 11    | 2             | 67.900           | 11.000000         | 994.000                   | ---                       | 165.000                                |
| 12    | 2             | 76.500           | 11.000000         | 1164.000                  | ---                       | 480.000                                |
| 13    | 1             | 63.700           | 11.000000         | ---                       | ---                       | 28.000                                 |
| 14    | 2             | 70.100           | 11.000000         | 1823.000                  | ---                       | 516.000                                |
| 15    | 2             | 90.400           | 11.000000         | 1694.000                  | ---                       | 561.000                                |
| 16    | 2             | 87.700           | 11.000000         | 1528.000                  | ---                       | 420.000                                |
| 17    | 3             | 77.700           | 11.000000         | 1339.000                  | 1407.000                  | 61.000                                 |
| 18    | 1             | 81.300           | 11.000000         | ---                       | ---                       | 67.000                                 |

## Detailed Results for Radar Type 5\_Trial 14

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 52.100           | 18.000000         | 1215.000                  | ---                       | 17.000                                 |
| 2     | 3             | 99.800           | 18.000000         | 1736.000                  | 1673.000                  | 148.000                                |
| 3     | 2             | 53.200           | 18.000000         | 1233.000                  | ---                       | 12.000                                 |
| 4     | 1             | 87.200           | 18.000000         | ---                       | ---                       | 540.000                                |
| 5     | 2             | 75.200           | 18.000000         | 975.000                   | ---                       | 618.000                                |
| 6     | 3             | 63.600           | 18.000000         | 1614.000                  | 1448.000                  | 732.000                                |
| 7     | 2             | 61.200           | 18.000000         | 1118.000                  | ---                       | 137.000                                |
| 8     | 2             | 86.400           | 18.000000         | 1014.000                  | ---                       | 331.000                                |
| 9     | 2             | 79.400           | 18.000000         | 1910.000                  | ---                       | 737.000                                |
| 10    | 2             | 84.300           | 18.000000         | 1126.000                  | ---                       | 48.000                                 |
| 11    | 2             | 81.500           | 18.000000         | 1345.000                  | ---                       | 288.000                                |
| 12    | 3             | 81.300           | 18.000000         | 1810.000                  | 952.000                   | 529.000                                |
| 13    | 2             | 94.900           | 18.000000         | 1306.000                  | ---                       | 612.000                                |
| 14    | 3             | 69.600           | 18.000000         | 1632.000                  | 1730.000                  | 692.000                                |
| 15    | 3             | 73.300           | 18.000000         | 1015.000                  | 1552.000                  | 317.000                                |
| 16    | 3             | 93.100           | 18.000000         | 1179.000                  | 1533.000                  | 7.000                                  |

## Detailed Results for Radar Type 5\_Trial 15

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 79.600           | 17.000000         | 1029.000                  | ---                       | 270.000                                |
| 2     | 1             | 90.200           | 17.000000         | ---                       | ---                       | 580.000                                |
| 3     | 3             | 66.100           | 17.000000         | 1312.000                  | 1766.000                  | 86.000                                 |
| 4     | 1             | 95.200           | 17.000000         | ---                       | ---                       | 92.000                                 |
| 5     | 2             | 76.300           | 17.000000         | 1238.000                  | ---                       | 368.000                                |
| 6     | 2             | 75.800           | 17.000000         | 1106.000                  | ---                       | 165.000                                |
| 7     | 3             | 50.700           | 17.000000         | 1312.000                  | 1580.000                  | 377.000                                |
| 8     | 3             | 56.300           | 17.000000         | 1837.000                  | 1154.000                  | 323.000                                |
| 9     | 3             | 56.100           | 17.000000         | 1061.000                  | 1394.000                  | 400.000                                |
| 10    | 3             | 81.200           | 17.000000         | 1582.000                  | 1379.000                  | 405.000                                |
| 11    | 2             | 89.700           | 17.000000         | 1845.000                  | ---                       | 506.000                                |
| 12    | 1             | 97.800           | 17.000000         | ---                       | ---                       | 331.000                                |
| 13    | 1             | 75.700           | 17.000000         | ---                       | ---                       | 430.000                                |
| 14    | 3             | 50.200           | 17.000000         | 1237.000                  | 1653.000                  | 544.000                                |
| 15    | 2             | 52.000           | 17.000000         | 1729.000                  | ---                       | 339.000                                |
| 16    | 2             | 69.400           | 17.000000         | 1603.000                  | ---                       | 44.000                                 |
| 17    | 2             | 67.500           | 17.000000         | 1168.000                  | ---                       | 521.000                                |
| 18    | 2             | 98.100           | 17.000000         | 958.000                   | ---                       | 384.000                                |
| 19    | 3             | 63.600           | 17.000000         | 1260.000                  | 1640.000                  | 194.000                                |

## Detailed Results for Radar Type 5\_Trial 16

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 55.900           | 14.000000         | 1883.000                  | ---                       | 1025.000                               |
| 2     | 2             | 64.100           | 14.000000         | 1710.000                  | ---                       | 849.000                                |
| 3     | 2             | 77.200           | 14.000000         | 1650.000                  | ---                       | 136.000                                |
| 4     | 2             | 96.600           | 14.000000         | 1520.000                  | ---                       | 468.000                                |
| 5     | 2             | 98.000           | 14.000000         | 923.000                   | ---                       | 376.000                                |
| 6     | 2             | 66.700           | 14.000000         | 1462.000                  | ---                       | 705.000                                |
| 7     | 3             | 66.400           | 14.000000         | 1003.000                  | 1192.000                  | 1416.000                               |
| 8     | 2             | 57.000           | 14.000000         | 1038.000                  | ---                       | 240.000                                |

## Detailed Results for Radar Type 5\_Trial 17

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 68.400           | 12.000000         | 1658.000                  | 1189.000                  | 811.000                                |
| 2     | 3             | 79.800           | 12.000000         | 1645.000                  | 1732.000                  | 1059.000                               |
| 3     | 1             | 86.100           | 12.000000         | ---                       | ---                       | 970.000                                |
| 4     | 1             | 83.200           | 12.000000         | ---                       | ---                       | 765.000                                |
| 5     | 1             | 97.500           | 12.000000         | ---                       | ---                       | 1117.000                               |
| 6     | 2             | 51.300           | 12.000000         | 1708.000                  | ---                       | 559.000                                |
| 7     | 3             | 77.900           | 12.000000         | 1276.000                  | 1521.000                  | 253.000                                |
| 8     | 3             | 80.800           | 12.000000         | 1804.000                  | 959.000                   | 563.000                                |
| 9     | 2             | 82.100           | 12.000000         | 1443.000                  | ---                       | 169.000                                |
| 10    | 3             | 65.000           | 12.000000         | 1848.000                  | 1035.000                  | 156.000                                |

## Detailed Results for Radar Type 5\_Trial 18

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 69.000           | 7.000000          | 1220.000                  | ---                       | 20.000                                 |
| 2     | 3             | 88.500           | 7.000000          | 1376.000                  | 1096.000                  | 45.000                                 |
| 3     | 2             | 56.300           | 7.000000          | 1207.000                  | ---                       | 779.000                                |
| 4     | 2             | 88.800           | 7.000000          | 1793.000                  | ---                       | 532.000                                |
| 5     | 1             | 78.600           | 7.000000          | ---                       | ---                       | 577.000                                |
| 6     | 2             | 82.300           | 7.000000          | 1534.000                  | ---                       | 549.000                                |
| 7     | 1             | 71.700           | 7.000000          | ---                       | ---                       | 612.000                                |
| 8     | 2             | 52.800           | 7.000000          | 1891.000                  | ---                       | 631.000                                |
| 9     | 1             | 66.100           | 7.000000          | ---                       | ---                       | 166.000                                |
| 10    | 2             | 72.800           | 7.000000          | 1460.000                  | ---                       | 381.000                                |
| 11    | 2             | 82.900           | 7.000000          | 1293.000                  | ---                       | 451.000                                |
| 12    | 3             | 72.300           | 7.000000          | 1224.000                  | 1577.000                  | 61.000                                 |
| 13    | 2             | 91.900           | 7.000000          | 1281.000                  | ---                       | 619.000                                |
| 14    | 3             | 82.400           | 7.000000          | 1570.000                  | 1469.000                  | 99.000                                 |

## Detailed Results for Radar Type 5\_Trial 19

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 78.300           | 8.000000          | 1113.000                  | ---                       | 442.000                                |
| 2     | 3             | 73.800           | 8.000000          | 1354.000                  | 1837.000                  | 373.000                                |
| 3     | 3             | 76.100           | 8.000000          | 1355.000                  | 1639.000                  | 48.000                                 |
| 4     | 3             | 87.300           | 8.000000          | 1498.000                  | 1822.000                  | 357.000                                |
| 5     | 1             | 50.900           | 8.000000          | ---                       | ---                       | 161.000                                |
| 6     | 2             | 69.700           | 8.000000          | 1619.000                  | ---                       | 132.000                                |
| 7     | 3             | 76.000           | 8.000000          | 1288.000                  | 1532.000                  | 644.000                                |
| 8     | 2             | 60.600           | 8.000000          | 1300.000                  | ---                       | 48.000                                 |
| 9     | 1             | 98.100           | 8.000000          | ---                       | ---                       | 403.000                                |
| 10    | 2             | 52.200           | 8.000000          | 1422.000                  | ---                       | 506.000                                |
| 11    | 2             | 98.400           | 8.000000          | 1351.000                  | ---                       | 22.000                                 |
| 12    | 2             | 87.700           | 8.000000          | 1180.000                  | ---                       | 634.000                                |
| 13    | 3             | 82.400           | 8.000000          | 1704.000                  | 1848.000                  | 28.000                                 |
| 14    | 3             | 68.900           | 8.000000          | 1080.000                  | 1341.000                  | 12.000                                 |
| 15    | 2             | 71.600           | 8.000000          | 1681.000                  | ---                       | 577.000                                |
| 16    | 3             | 93.100           | 8.000000          | 1758.000                  | 1536.000                  | 609.000                                |
| 17    | 2             | 52.100           | 8.000000          | 1941.000                  | ---                       | 612.000                                |
| 18    | 2             | 89.200           | 8.000000          | 966.000                   | ---                       | 60.000                                 |

## Detailed Results for Radar Type 5\_Trial 20

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 51.000           | 9.000000          | 1731.000                  | ---                       | 259.000                                |
| 2     | 2             | 69.300           | 9.000000          | 1762.000                  | ---                       | 617.000                                |
| 3     | 1             | 94.600           | 9.000000          | ---                       | ---                       | 379.000                                |
| 4     | 2             | 65.100           | 9.000000          | 1536.000                  | ---                       | 103.000                                |
| 5     | 3             | 51.100           | 9.000000          | 1546.000                  | 1400.000                  | 650.000                                |
| 6     | 2             | 86.100           | 9.000000          | 1619.000                  | ---                       | 221.000                                |
| 7     | 1             | 80.000           | 9.000000          | ---                       | ---                       | 44.000                                 |
| 8     | 1             | 60.800           | 9.000000          | ---                       | ---                       | 384.000                                |
| 9     | 3             | 56.200           | 9.000000          | 1627.000                  | 1397.000                  | 126.000                                |
| 10    | 1             | 99.700           | 9.000000          | ---                       | ---                       | 20.000                                 |
| 11    | 1             | 84.000           | 9.000000          | ---                       | ---                       | 411.000                                |
| 12    | 3             | 83.100           | 9.000000          | 1223.000                  | 1586.000                  | 232.000                                |
| 13    | 1             | 50.900           | 9.000000          | ---                       | ---                       | 179.000                                |
| 14    | 1             | 53.200           | 9.000000          | ---                       | ---                       | 48.000                                 |
| 15    | 2             | 71.800           | 9.000000          | 1079.000                  | ---                       | 692.000                                |
| 16    | 2             | 66.300           | 9.000000          | 1893.000                  | ---                       | 503.000                                |
| 17    | 2             | 51.200           | 9.000000          | 1362.000                  | ---                       | 455.000                                |

## Detailed Results for Radar Type 5\_Trial 21

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 53.000           | 16.000000         | 1731.000                  | 1776.000                  | 102.000                                |
| 2     | 2             | 61.000           | 16.000000         | 988.000                   | ---                       | 570.000                                |
| 3     | 1             | 59.900           | 16.000000         | ---                       | ---                       | 566.000                                |
| 4     | 1             | 85.500           | 16.000000         | ---                       | ---                       | 213.000                                |
| 5     | 3             | 94.800           | 16.000000         | 1100.000                  | 1674.000                  | 103.000                                |
| 6     | 3             | 81.600           | 16.000000         | 979.000                   | 1275.000                  | 44.000                                 |
| 7     | 1             | 57.300           | 16.000000         | ---                       | ---                       | 498.000                                |
| 8     | 2             | 93.800           | 16.000000         | 999.000                   | ---                       | 772.000                                |
| 9     | 2             | 75.100           | 16.000000         | 1593.000                  | ---                       | 686.000                                |
| 10    | 3             | 96.400           | 16.000000         | 1515.000                  | 1372.000                  | 320.000                                |
| 11    | 2             | 59.600           | 16.000000         | 1224.000                  | ---                       | 9.000                                  |
| 12    | 2             | 69.600           | 16.000000         | 1553.000                  | ---                       | 192.000                                |
| 13    | 1             | 84.300           | 16.000000         | ---                       | ---                       | 102.000                                |
| 14    | 3             | 70.600           | 16.000000         | 1234.000                  | 961.000                   | 644.000                                |
| 15    | 1             | 97.700           | 16.000000         | ---                       | ---                       | 436.000                                |

## Detailed Results for Radar Type 5\_Trial 22

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 63.100           | 5.000000          | 1767.000                  | ---                       | 49.000                                 |
| 2     | 2             | 54.000           | 5.000000          | 1907.000                  | ---                       | 76.000                                 |
| 3     | 1             | 74.000           | 5.000000          | ---                       | ---                       | 573.000                                |
| 4     | 3             | 69.500           | 5.000000          | 1490.000                  | 1185.000                  | 440.000                                |
| 5     | 2             | 62.300           | 5.000000          | 1013.000                  | ---                       | 645.000                                |
| 6     | 2             | 52.800           | 5.000000          | 1682.000                  | ---                       | 178.000                                |
| 7     | 2             | 90.100           | 5.000000          | 1367.000                  | ---                       | 171.000                                |
| 8     | 1             | 86.200           | 5.000000          | ---                       | ---                       | 251.000                                |
| 9     | 2             | 94.800           | 5.000000          | 908.000                   | ---                       | 307.000                                |
| 10    | 2             | 66.500           | 5.000000          | 972.000                   | ---                       | 415.000                                |
| 11    | 3             | 60.800           | 5.000000          | 1555.000                  | 1769.000                  | 440.000                                |
| 12    | 2             | 69.200           | 5.000000          | 1364.000                  | ---                       | 408.000                                |
| 13    | 2             | 82.600           | 5.000000          | 1077.000                  | ---                       | 86.000                                 |
| 14    | 3             | 89.600           | 5.000000          | 934.000                   | 1096.000                  | 215.000                                |
| 15    | 2             | 87.700           | 5.000000          | 958.000                   | ---                       | 272.000                                |
| 16    | 2             | 74.300           | 5.000000          | 1246.000                  | ---                       | 576.000                                |
| 17    | 1             | 98.600           | 5.000000          | ---                       | ---                       | 262.000                                |
| 18    | 3             | 82.600           | 5.000000          | 1172.000                  | 1322.000                  | 628.000                                |

## Detailed Results for Radar Type 5\_Trial 23

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 58.200           | 10.000000         | 1320.000                  | ---                       | 122.000                                |
| 2     | 2             | 66.300           | 10.000000         | 1849.000                  | ---                       | 244.000                                |
| 3     | 3             | 62.100           | 10.000000         | 1589.000                  | 1390.000                  | 229.000                                |
| 4     | 2             | 74.300           | 10.000000         | 1184.000                  | ---                       | 976.000                                |
| 5     | 1             | 58.600           | 10.000000         | ---                       | ---                       | 730.000                                |
| 6     | 3             | 82.600           | 10.000000         | 1633.000                  | 1513.000                  | 669.000                                |
| 7     | 1             | 73.100           | 10.000000         | ---                       | ---                       | 735.000                                |
| 8     | 1             | 90.900           | 10.000000         | ---                       | ---                       | 645.000                                |
| 9     | 3             | 66.300           | 10.000000         | 1563.000                  | 1348.000                  | 380.000                                |
| 10    | 2             | 54.800           | 10.000000         | 1384.000                  | ---                       | 556.000                                |
| 11    | 3             | 65.600           | 10.000000         | 1218.000                  | 937.000                   | 801.000                                |
| 12    | 3             | 74.500           | 10.000000         | 958.000                   | 1010.000                  | 493.000                                |

## Detailed Results for Radar Type 5\_Trial 24

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 97.900           | 7.000000          | 1124.000                  | ---                       | 368.000                                |
| 2     | 2             | 94.200           | 7.000000          | 1097.000                  | ---                       | 363.000                                |
| 3     | 2             | 95.600           | 7.000000          | 1706.000                  | ---                       | 338.000                                |
| 4     | 3             | 60.700           | 7.000000          | 1726.000                  | 1788.000                  | 628.000                                |
| 5     | 2             | 79.600           | 7.000000          | 921.000                   | ---                       | 352.000                                |
| 6     | 2             | 55.700           | 7.000000          | 1463.000                  | ---                       | 71.000                                 |
| 7     | 2             | 92.300           | 7.000000          | 1486.000                  | ---                       | 208.000                                |
| 8     | 3             | 59.600           | 7.000000          | 1550.000                  | 1830.000                  | 605.000                                |
| 9     | 2             | 95.900           | 7.000000          | 1529.000                  | ---                       | 727.000                                |
| 10    | 2             | 87.500           | 7.000000          | 1521.000                  | ---                       | 637.000                                |
| 11    | 3             | 81.100           | 7.000000          | 961.000                   | 1815.000                  | 593.000                                |
| 12    | 3             | 93.000           | 7.000000          | 1246.000                  | 1717.000                  | 400.000                                |
| 13    | 3             | 62.500           | 7.000000          | 1219.000                  | 1563.000                  | 742.000                                |
| 14    | 1             | 70.400           | 7.000000          | ---                       | ---                       | 627.000                                |
| 15    | 2             | 63.400           | 7.000000          | 1345.000                  | ---                       | 439.000                                |
| 16    | 1             | 78.000           | 7.000000          | ---                       | ---                       | 663.000                                |

## Detailed Results for Radar Type 5\_Trial 25

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 97.500           | 12.000000         | 1544.000                  | ---                       | 99.000                                 |
| 2     | 2             | 65.600           | 12.000000         | 1375.000                  | ---                       | 550.000                                |
| 3     | 1             | 68.300           | 12.000000         | ---                       | ---                       | 550.000                                |
| 4     | 3             | 50.300           | 12.000000         | 1878.000                  | 1651.000                  | 1131.000                               |
| 5     | 3             | 51.700           | 12.000000         | 975.000                   | 1518.000                  | 102.000                                |
| 6     | 3             | 57.200           | 12.000000         | 1700.000                  | 1447.000                  | 1041.000                               |
| 7     | 2             | 98.400           | 12.000000         | 1637.000                  | ---                       | 130.000                                |
| 8     | 3             | 58.900           | 12.000000         | 1602.000                  | 1161.000                  | 38.000                                 |
| 9     | 2             | 60.100           | 12.000000         | 984.000                   | ---                       | 333.000                                |

## Detailed Results for Radar Type 5\_Trial 26

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 70.500           | 17.000000         | 956.000                   | ---                       | 247.000                                |
| 2     | 3             | 85.800           | 17.000000         | 1726.000                  | 1051.000                  | 659.000                                |
| 3     | 2             | 67.600           | 17.000000         | 1910.000                  | ---                       | 383.000                                |
| 4     | 2             | 97.900           | 17.000000         | 1794.000                  | ---                       | 123.000                                |
| 5     | 3             | 55.000           | 17.000000         | 1798.000                  | 1000.000                  | 48.000                                 |
| 6     | 2             | 55.900           | 17.000000         | 1322.000                  | ---                       | 464.000                                |
| 7     | 3             | 53.400           | 17.000000         | 1270.000                  | 1431.000                  | 347.000                                |
| 8     | 2             | 88.300           | 17.000000         | 1417.000                  | ---                       | 544.000                                |
| 9     | 2             | 95.600           | 17.000000         | 1228.000                  | ---                       | 453.000                                |
| 10    | 2             | 70.400           | 17.000000         | 1039.000                  | ---                       | 291.000                                |
| 11    | 2             | 53.000           | 17.000000         | 1860.000                  | ---                       | 689.000                                |
| 12    | 1             | 80.600           | 17.000000         | ---                       | ---                       | 628.000                                |
| 13    | 3             | 67.000           | 17.000000         | 1382.000                  | 1724.000                  | 487.000                                |
| 14    | 2             | 67.300           | 17.000000         | 1895.000                  | ---                       | 682.000                                |
| 15    | 2             | 63.100           | 17.000000         | 1171.000                  | ---                       | 343.000                                |
| 16    | 2             | 79.400           | 17.000000         | 1369.000                  | ---                       | 186.000                                |

## Detailed Results for Radar Type 5\_Trial 27

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 57.400           | 6.000000          | 963.000                   | ---                       | 180.000                                |
| 2     | 2             | 93.600           | 6.000000          | 1584.000                  | ---                       | 459.000                                |
| 3     | 2             | 80.100           | 6.000000          | 1493.000                  | ---                       | 435.000                                |
| 4     | 1             | 64.100           | 6.000000          | ---                       | ---                       | 1256.000                               |
| 5     | 2             | 67.700           | 6.000000          | 1215.000                  | ---                       | 734.000                                |
| 6     | 1             | 96.500           | 6.000000          | ---                       | ---                       | 1281.000                               |
| 7     | 2             | 81.500           | 6.000000          | 974.000                   | ---                       | 1432.000                               |
| 8     | 2             | 66.800           | 6.000000          | 1558.000                  | ---                       | 92.000                                 |

## Detailed Results for Radar Type 5\_Trial 28

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 59.500           | 11.000000         | 1738.000                  | ---                       | 660.000                                |
| 2     | 1             | 57.000           | 11.000000         | ---                       | ---                       | 796.000                                |
| 3     | 2             | 54.400           | 11.000000         | 1891.000                  | ---                       | 779.000                                |
| 4     | 2             | 97.500           | 11.000000         | 1566.000                  | ---                       | 298.000                                |
| 5     | 3             | 52.000           | 11.000000         | 1941.000                  | 1472.000                  | 201.000                                |
| 6     | 1             | 62.500           | 11.000000         | ---                       | ---                       | 211.000                                |
| 7     | 2             | 79.100           | 11.000000         | 1016.000                  | ---                       | 30.000                                 |
| 8     | 2             | 98.600           | 11.000000         | 927.000                   | ---                       | 485.000                                |
| 9     | 2             | 52.900           | 11.000000         | 1814.000                  | ---                       | 328.000                                |
| 10    | 2             | 64.600           | 11.000000         | 1644.000                  | ---                       | 339.000                                |
| 11    | 3             | 75.300           | 11.000000         | 1710.000                  | 1296.000                  | 500.000                                |
| 12    | 1             | 74.200           | 11.000000         | ---                       | ---                       | 451.000                                |
| 13    | 1             | 58.400           | 11.000000         | ---                       | ---                       | 160.000                                |
| 14    | 1             | 97.500           | 11.000000         | ---                       | ---                       | 573.000                                |

## Detailed Results for Radar Type 5\_Trial 29

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 77.900           | 16.000000         | 1250.000                  | ---                       | 478.000                                |
| 2     | 2             | 69.500           | 16.000000         | 1007.000                  | ---                       | 962.000                                |
| 3     | 2             | 74.500           | 16.000000         | 1631.000                  | ---                       | 657.000                                |
| 4     | 1             | 93.900           | 16.000000         | ---                       | ---                       | 564.000                                |
| 5     | 2             | 55.400           | 16.000000         | 949.000                   | ---                       | 59.000                                 |
| 6     | 3             | 50.400           | 16.000000         | 1162.000                  | 1396.000                  | 565.000                                |
| 7     | 1             | 68.600           | 16.000000         | ---                       | ---                       | 732.000                                |
| 8     | 3             | 88.700           | 16.000000         | 1750.000                  | 1835.000                  | 872.000                                |
| 9     | 2             | 54.900           | 16.000000         | 1869.000                  | ---                       | 32.000                                 |
| 10    | 3             | 51.000           | 16.000000         | 970.000                   | 1344.000                  | 750.000                                |
| 11    | 3             | 86.500           | 16.000000         | 1599.000                  | 1682.000                  | 364.000                                |

## Detailed Results for Radar Type 5\_Trial 30

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 93.100           | 11.000000         | ---                       | ---                       | 422.000                                |
| 2     | 3             | 61.300           | 11.000000         | 1194.000                  | 1086.000                  | 738.000                                |
| 3     | 3             | 57.000           | 11.000000         | 1918.000                  | 1102.000                  | 523.000                                |
| 4     | 3             | 91.800           | 11.000000         | 1588.000                  | 1798.000                  | 874.000                                |
| 5     | 3             | 88.600           | 11.000000         | 1491.000                  | 1061.000                  | 748.000                                |
| 6     | 3             | 62.400           | 11.000000         | 1019.000                  | 1144.000                  | 525.000                                |
| 7     | 3             | 88.000           | 11.000000         | 1259.000                  | 1713.000                  | 641.000                                |
| 8     | 2             | 77.700           | 11.000000         | 1025.000                  | ---                       | 383.000                                |
| 9     | 1             | 51.800           | 11.000000         | ---                       | ---                       | 554.000                                |
| 10    | 1             | 55.900           | 11.000000         | ---                       | ---                       | 939.000                                |
| 11    | 3             | 63.700           | 11.000000         | 1503.000                  | 1789.000                  | 182.000                                |

## Detailed Results for Radar Type 6

| Trial Number | Pulse Width (μs) | PRI (μs) | No. of Pulses | Pulses Detected | Comment |
|--------------|------------------|----------|---------------|-----------------|---------|
| 1            | 1.000            | 300.000  | 9             | YES             |         |
| 2            | 1.000            | 300.000  | 9             | YES             |         |
| 3            | 1.000            | 300.000  | 9             | YES             |         |
| 4            | 1.000            | 300.000  | 9             | YES             |         |
| 5            | 1.000            | 300.000  | 9             | YES             |         |
| 6            | 1.000            | 300.000  | 9             | YES             |         |
| 7            | 1.000            | 300.000  | 9             | YES             |         |
| 8            | 1.000            | 300.000  | 9             | No              |         |
| 9            | 1.000            | 300.000  | 9             | No              |         |
| 10           | 1.000            | 300.000  | 9             | YES             |         |
| 11           | 1.000            | 300.000  | 9             | YES             |         |
| 12           | 1.000            | 300.000  | 9             | YES             |         |
| 13           | 1.000            | 300.000  | 9             | YES             |         |
| 14           | 1.000            | 300.000  | 9             | YES             |         |
| 15           | 1.000            | 300.000  | 9             | YES             |         |
| 16           | 1.000            | 300.000  | 9             | YES             |         |
| 17           | 1.000            | 300.000  | 9             | YES             |         |
| 18           | 1.000            | 300.000  | 9             | YES             |         |
| 19           | 1.000            | 300.000  | 9             | YES             |         |
| 20           | 1.000            | 300.000  | 9             | YES             |         |
| 21           | 1.000            | 300.000  | 9             | YES             |         |
| 22           | 1.000            | 300.000  | 9             | YES             |         |
| 23           | 1.000            | 300.000  | 9             | YES             |         |
| 24           | 1.000            | 300.000  | 9             | YES             |         |
| 25           | 1.000            | 300.000  | 9             | YES             |         |
| 26           | 1.000            | 300.000  | 9             | YES             |         |
| 27           | 1.000            | 300.000  | 9             | YES             |         |
| 28           | 1.000            | 300.000  | 9             | YES             |         |
| 29           | 1.000            | 300.000  | 9             | YES             |         |
| 30           | 1.000            | 300.000  | 9             | YES             |         |

## Radar level verification

| Description / Formula                                                                                                                                                                                                                                                                            | Value                                                             | Unit |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------|
| IF((<br>{DFS Mode(0/1/2)}=0)or(<br>{DFS Mode(0/1/2)}=1) , IF((dBm2W(<br>{Nominal Power[dBm]}>0.2) , -64 , IF(<br>{Configured PSD[dBm]}<10) , -62 , -64))+<br>{Attenuation Vector Generator to DUT[dB]} , -50+<br>{Attenuation Vector Generator to COMP[dB]}+<br>{Radar Signal Level Offset[dB]}) | Given setting / formula<br>to calculate<br>Vector Generator level | --   |
| Requirement of the Detection threshold value<br>for this given values acc. to FCC clause 5.2 / Table 3                                                                                                                                                                                           | -64                                                               | dBm  |
| Vector Generator level setting                                                                                                                                                                                                                                                                   | -17.98                                                            | dBm  |
| Configured overall pathloss from Vector Generator<br>RF out to DUT connector of 'DUT to OSP'-cable                                                                                                                                                                                               | 45.02                                                             | dB   |
| Given additional level added to the amplitude of<br>the waveform to account for variations in measurement<br>equipment acc. to FCC clause 5.2 / Table 3 / Note 2                                                                                                                                 | 1.00                                                              | dB   |
| This results in the following radar signal<br>level at the DUT                                                                                                                                                                                                                                   | -63.00                                                            | dBm  |

## Settings for Radar Type 1 to 4

| Setting          | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Center Frequency | 5.53000 GHz      | 5.53000 GHz  |
| Span             | ZeroSpan         | ZeroSpan     |
| RBW              | 3.000 MHz        | >= 3.000 MHz |
| VBW              | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints      | 30001            | ~ 30001      |
| SweepTime        | 12.000 s         | 12.000 s     |
| Reference Level  | -10.000 dBm      | -10.000 dBm  |
| Attenuation      | 0.000 dB         | 0.000 dB     |
| Detector         | MaxPeak          | MaxPeak      |
| SweepCount       | 1                | 1            |
| Filter           | 3 dB             | 3 dB         |
| Trace Mode       | Clear Write      | Clear Write  |
| SweepType        | Sweep            | AUTO         |
| Preamp           | off              | off          |
| Trigger          | External         | External     |
| Trigger Offset   | 1.000 s          | 1.000 s      |

## Settings for Long Pulse Radar Type 5 (Simulated)

| Setting          | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Center Frequency | 0.00000 Hz       | 0.00000 Hz   |
| Span             | 0.000 Hz         | 0.000 Hz     |
| RBW              | 0.000 Hz         | ~ 0.000 Hz   |
| VBW              | 0.000 Hz         | ~ 0.000 Hz   |
| SweepPoints      | 0                | ~ 0          |
| SweepTime        | 0.000 s          | 0.000 s      |
| Reference Level  | 0.000 dBm        | 0.000 dBm    |
| Attenuation      | 0.000 dB         | 0.000 dB     |
| Detector         | RMS              | RMS          |
| SweepCount       | 0                | 0            |
| Filter           | 3 dB             | 3 dB         |
| Trace Mode       |                  | ~            |
| SweepType        | AUTO             | AUTO         |
| Preamp           | off              | off          |

## Settings for Freq. Hopping Radar Type 6 (Simulated)

| Setting          | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Center Frequency | 0.00000 Hz       | 0.00000 Hz   |
| Span             | 0.000 Hz         | 0.000 Hz     |
| RBW              | 0.000 Hz         | ~ 0.000 Hz   |
| VBW              | 0.000 Hz         | ~ 0.000 Hz   |
| SweepPoints      | 0                | ~ 0          |
| SweepTime        | 0.000 s          | 0.000 s      |
| Reference Level  | 0.000 dBm        | 0.000 dBm    |
| Attenuation      | 0.000 dB         | 0.000 dB     |
| Detector         | RMS              | RMS          |
| SweepCount       | 0                | 0            |
| Filter           | 3 dB             | 3 dB         |
| Trace Mode       |                  | ~            |
| SweepType        | AUTO             | AUTO         |
| Preamp           | off              | off          |

## OSP Video Detector

| Setting          | Instrument Value | Target Value  |
|------------------|------------------|---------------|
| Measurement Time | 12.000 s         | 12.000 s      |
| Samplerate       | 2500 kHz         | 2500 kHz      |
| Tracepoints      | 30000000         | 30000000      |
| Time resolution  | 4.000 $\mu$ s    | 4.000 $\mu$ s |
| Detector         | Peak             | Peak          |

## DFS Statistical Performance Check (5570 MHz; 160 MHz)

Test according to FCC title 47 part 15 §15.407(h), KDB 905462 D02 U-NII DFS Compliance Procedures New Rules v02

### Measurement Summary

| DUT Frequency (MHz) | Radar Type No. | Detection count | Percentage of Detection Px | Detection Limit | Overall Result | Overall Comment |
|---------------------|----------------|-----------------|----------------------------|-----------------|----------------|-----------------|
| 5570.000000         | 1              | 28 of 30        | 93.33%                     | 60.0 %          | PASS           |                 |
| 5570.000000         | 2              | 27 of 30        | 90.00%                     | 60.0 %          | PASS           |                 |
| 5570.000000         | 3              | 28 of 30        | 93.33%                     | 60.0 %          | PASS           |                 |
| 5570.000000         | 4              | 27 of 30        | 90.00%                     | 60.0 %          | PASS           |                 |
| 5570.000000         | 5              | 30 of 30        | 100.00%                    | 80.0 %          | PASS           |                 |
| 5570.000000         | 6              | 30 of 30        | 100.00%                    | 70.0 %          | PASS           |                 |

### Aggregate Results for Short Pulse Radar Type 1-4

| Aggregate Calculation as follows | Aggregate Percentage | Aggregate Limit | Aggregate Result | Aggregate Comment |
|----------------------------------|----------------------|-----------------|------------------|-------------------|
| $(P1 + P2 + P3 + P4) / 4$        | 91.67%               | 80.0 %          | PASS             |                   |

## Detailed Results for Radar Type 1

| Trial Number | Random Trial used | Pulse Width (μs) | PRI (μs) | No. of Pulses | Pulses Detected | Comment |
|--------------|-------------------|------------------|----------|---------------|-----------------|---------|
| 1            | 22                | 1.000            | 938.000  | 57            | YES             |         |
| 2            | 16                | 1.000            | 818.000  | 65            | YES             |         |
| 3            | 3                 | 1.000            | 558.000  | 95            | YES             |         |
| 4            | 38                | 1.000            | 1888.000 | 28            | YES             |         |
| 5            | 47                | 1.000            | 2767.000 | 20            | YES             |         |
| 6            | 27                | 1.000            | 815.000  | 65            | YES             |         |
| 7            | 50                | 1.000            | 3060.000 | 18            | YES             |         |
| 8            | 11                | 1.000            | 718.000  | 74            | YES             |         |
| 9            | 36                | 1.000            | 1693.000 | 32            | YES             |         |
| 10           | 44                | 1.000            | 2474.000 | 22            | YES             |         |
| 11           | 8                 | 1.000            | 658.000  | 81            | YES             |         |
| 12           | 48                | 1.000            | 2864.000 | 19            | No              |         |
| 13           | 21                | 1.000            | 918.000  | 58            | YES             |         |
| 14           | 18                | 1.000            | 858.000  | 62            | YES             |         |
| 15           | 39                | 1.000            | 1986.000 | 27            | YES             |         |
| 16           | 34                | 1.000            | 1498.000 | 36            | YES             |         |
| 17           | 49                | 1.000            | 2962.000 | 18            | YES             |         |
| 18           | 2                 | 1.000            | 538.000  | 99            | YES             |         |
| 19           | 46                | 1.000            | 2669.000 | 20            | YES             |         |
| 20           | 25                | 1.000            | 620.000  | 86            | YES             |         |
| 21           | 37                | 1.000            | 1791.000 | 30            | YES             |         |
| 22           | 10                | 1.000            | 698.000  | 76            | YES             |         |
| 23           | 23                | 1.000            | 3066.000 | 18            | YES             |         |
| 24           | 9                 | 1.000            | 678.000  | 78            | YES             |         |
| 25           | 4                 | 1.000            | 578.000  | 92            | YES             |         |
| 26           | 41                | 1.000            | 2181.000 | 25            | YES             |         |
| 27           | 20                | 1.000            | 898.000  | 59            | YES             |         |
| 28           | 1                 | 1.000            | 518.000  | 102           | YES             |         |
| 29           | 26                | 1.000            | 717.000  | 74            | No              |         |
| 30           | 42                | 1.000            | 2279.000 | 24            | YES             |         |

## Detailed Results for Radar Type 2

| Trial Number | Random Trial used | Pulse Width (μs) | PRI (μs) | No. of Pulses | Pulses Detected | Comment |
|--------------|-------------------|------------------|----------|---------------|-----------------|---------|
| 1            | 24                | 4.400            | 188.000  | 27            | YES             |         |
| 2            | 18                | 2.000            | 153.000  | 24            | YES             |         |
| 3            | 9                 | 3.900            | 212.000  | 27            | YES             |         |
| 4            | 36                | 3.200            | 200.000  | 28            | YES             |         |
| 5            | 17                | 4.500            | 213.000  | 23            | YES             |         |
| 6            | 23                | 3.800            | 187.000  | 28            | YES             |         |
| 7            | 45                | 3.200            | 227.000  | 29            | YES             |         |
| 8            | 41                | 1.300            | 219.000  | 25            | YES             |         |
| 9            | 3                 | 5.000            | 192.000  | 23            | No              |         |
| 10           | 7                 | 1.400            | 185.000  | 27            | YES             |         |
| 11           | 11                | 1.700            | 224.000  | 23            | YES             |         |
| 12           | 4                 | 4.700            | 200.000  | 23            | YES             |         |
| 13           | 35                | 1.200            | 206.000  | 24            | YES             |         |
| 14           | 27                | 2.700            | 199.000  | 29            | YES             |         |
| 15           | 32                | 3.700            | 222.000  | 26            | YES             |         |
| 16           | 29                | 4.100            | 189.000  | 26            | YES             |         |
| 17           | 20                | 1.200            | 185.000  | 25            | YES             |         |
| 18           | 10                | 1.200            | 175.000  | 26            | No              |         |
| 19           | 8                 | 2.600            | 175.000  | 26            | YES             |         |
| 20           | 16                | 3.600            | 194.000  | 26            | YES             |         |
| 21           | 13                | 2.200            | 193.000  | 24            | YES             |         |
| 22           | 31                | 4.000            | 154.000  | 28            | YES             |         |
| 23           | 43                | 4.100            | 153.000  | 24            | YES             |         |
| 24           | 37                | 3.400            | 191.000  | 24            | YES             |         |
| 25           | 40                | 3.600            | 230.000  | 27            | No              |         |
| 26           | 28                | 1.700            | 216.000  | 27            | YES             |         |
| 27           | 22                | 2.400            | 209.000  | 26            | YES             |         |
| 28           | 21                | 3.600            | 193.000  | 28            | YES             |         |
| 29           | 49                | 1.800            | 159.000  | 25            | YES             |         |
| 30           | 12                | 3.100            | 182.000  | 28            | YES             |         |

### Detailed Results for Radar Type 3

| Trial Number | Random Trial used | Pulse Width (μs) | PRI (μs) | No. of Pulses | Pulses Detected | Comment |
|--------------|-------------------|------------------|----------|---------------|-----------------|---------|
| 1            | 8                 | 7.000            | 358.000  | 17            | YES             |         |
| 2            | 13                | 8.400            | 343.000  | 17            | YES             |         |
| 3            | 42                | 8.600            | 493.000  | 17            | YES             |         |
| 4            | 28                | 9.800            | 316.000  | 17            | YES             |         |
| 5            | 43                | 6.700            | 398.000  | 17            | YES             |         |
| 6            | 14                | 6.600            | 455.000  | 16            | YES             |         |
| 7            | 5                 | 8.200            | 464.000  | 18            | No              |         |
| 8            | 34                | 6.400            | 477.000  | 17            | YES             |         |
| 9            | 7                 | 6.500            | 466.000  | 17            | YES             |         |
| 10           | 15                | 8.100            | 436.000  | 17            | YES             |         |
| 11           | 26                | 9.200            | 497.000  | 17            | YES             |         |
| 12           | 16                | 8.900            | 340.000  | 16            | YES             |         |
| 13           | 6                 | 7.500            | 429.000  | 17            | YES             |         |
| 14           | 1                 | 8.000            | 494.000  | 18            | YES             |         |
| 15           | 40                | 7.400            | 271.000  | 17            | No              |         |
| 16           | 41                | 7.700            | 467.000  | 16            | YES             |         |
| 17           | 46                | 8.500            | 349.000  | 17            | YES             |         |
| 18           | 31                | 8.800            | 487.000  | 17            | YES             |         |
| 19           | 2                 | 7.500            | 211.000  | 17            | YES             |         |
| 20           | 35                | 7.300            | 200.000  | 18            | YES             |         |
| 21           | 27                | 6.600            | 301.000  | 17            | YES             |         |
| 22           | 4                 | 8.300            | 462.000  | 17            | YES             |         |
| 23           | 49                | 6.500            | 288.000  | 18            | YES             |         |
| 24           | 45                | 6.700            | 426.000  | 17            | YES             |         |
| 25           | 32                | 8.700            | 356.000  | 18            | YES             |         |
| 26           | 48                | 9.000            | 448.000  | 18            | YES             |         |
| 27           | 39                | 7.200            | 358.000  | 18            | YES             |         |
| 28           | 24                | 6.000            | 378.000  | 17            | YES             |         |
| 29           | 50                | 7.700            | 206.000  | 17            | YES             |         |
| 30           | 37                | 7.500            | 217.000  | 17            | YES             |         |

## Detailed Results for Radar Type 4

| Trial Number | Random Trial used | Pulse Width (μs) | PRI (μs) | No. of Pulses | Pulses Detected | Comment |
|--------------|-------------------|------------------|----------|---------------|-----------------|---------|
| 1            | 37                | 18.100           | 200.000  | 15            | YES             |         |
| 2            | 19                | 15.700           | 403.000  | 16            | YES             |         |
| 3            | 29                | 17.300           | 287.000  | 16            | YES             |         |
| 4            | 15                | 14.700           | 324.000  | 13            | YES             |         |
| 5            | 44                | 17.900           | 458.000  | 14            | YES             |         |
| 6            | 30                | 11.800           | 384.000  | 14            | YES             |         |
| 7            | 38                | 15.500           | 451.000  | 15            | YES             |         |
| 8            | 34                | 17.300           | 366.000  | 14            | YES             |         |
| 9            | 32                | 12.600           | 293.000  | 15            | YES             |         |
| 10           | 27                | 15.600           | 303.000  | 13            | YES             |         |
| 11           | 39                | 12.400           | 217.000  | 14            | YES             |         |
| 12           | 8                 | 14.100           | 283.000  | 15            | No              |         |
| 13           | 3                 | 13.600           | 398.000  | 15            | YES             |         |
| 14           | 41                | 13.300           | 439.000  | 14            | YES             |         |
| 15           | 2                 | 19.900           | 428.000  | 12            | YES             |         |
| 16           | 11                | 14.900           | 223.000  | 12            | YES             |         |
| 17           | 43                | 15.800           | 410.000  | 15            | No              |         |
| 18           | 28                | 13.000           | 309.000  | 14            | YES             |         |
| 19           | 1                 | 15.900           | 410.000  | 13            | YES             |         |
| 20           | 22                | 17.800           | 420.000  | 13            | YES             |         |
| 21           | 24                | 18.100           | 397.000  | 14            | YES             |         |
| 22           | 7                 | 18.600           | 236.000  | 12            | YES             |         |
| 23           | 36                | 12.500           | 413.000  | 14            | YES             |         |
| 24           | 4                 | 12.600           | 360.000  | 14            | YES             |         |
| 25           | 18                | 15.600           | 420.000  | 15            | YES             |         |
| 26           | 49                | 11.100           | 396.000  | 13            | No              |         |
| 27           | 25                | 16.600           | 282.000  | 16            | YES             |         |
| 28           | 20                | 12.300           | 438.000  | 13            | YES             |         |
| 29           | 33                | 19.500           | 384.000  | 13            | YES             |         |
| 30           | 50                | 14.400           | 286.000  | 12            | YES             |         |

## Detailed Results for Radar Type 5

| Trial Number | Random Trial used | Pulses Detected | Comment                                                  |
|--------------|-------------------|-----------------|----------------------------------------------------------|
| 1            | 22                | YES             | For detailed burst Data see separate table Type5_Trial1  |
| 2            | 23                | YES             | For detailed burst Data see separate table Type5_Trial2  |
| 3            | 13                | YES             | For detailed burst Data see separate table Type5_Trial3  |
| 4            | 27                | YES             | For detailed burst Data see separate table Type5_Trial4  |
| 5            | 5                 | YES             | For detailed burst Data see separate table Type5_Trial5  |
| 6            | 29                | YES             | For detailed burst Data see separate table Type5_Trial6  |
| 7            | 25                | YES             | For detailed burst Data see separate table Type5_Trial7  |
| 8            | 34                | YES             | For detailed burst Data see separate table Type5_Trial8  |
| 9            | 3                 | YES             | For detailed burst Data see separate table Type5_Trial9  |
| 10           | 10                | YES             | For detailed burst Data see separate table Type5_Trial10 |
| 11           | 18                | YES             | For detailed burst Data see separate table Type5_Trial11 |
| 12           | 2                 | YES             | For detailed burst Data see separate table Type5_Trial12 |
| 13           | 43                | YES             | For detailed burst Data see separate table Type5_Trial13 |
| 14           | 15                | YES             | For detailed burst Data see separate table Type5_Trial14 |
| 15           | 36                | YES             | For detailed burst Data see separate table Type5_Trial15 |
| 16           | 35                | YES             | For detailed burst Data see separate table Type5_Trial16 |
| 17           | 1                 | YES             | For detailed burst Data see separate table Type5_Trial17 |
| 18           | 4                 | YES             | For detailed burst Data see separate table Type5_Trial18 |
| 19           | 7                 | YES             | For detailed burst Data see separate table Type5_Trial19 |
| 20           | 28                | YES             | For detailed burst Data see separate table Type5_Trial20 |
| 21           | 21                | YES             | For detailed burst Data see separate table Type5_Trial21 |
| 22           | 20                | YES             | For detailed burst Data see separate table Type5_Trial22 |
| 23           | 16                | YES             | For detailed burst Data see separate table Type5_Trial23 |
| 24           | 48                | YES             | For detailed burst Data see separate table Type5_Trial24 |
| 25           | 26                | YES             | For detailed burst Data see separate table Type5_Trial25 |
| 26           | 19                | YES             | For detailed burst Data see separate table Type5_Trial26 |
| 27           | 31                | YES             | For detailed burst Data see separate table Type5_Trial27 |
| 28           | 30                | YES             | For detailed burst Data see separate table Type5_Trial28 |
| 29           | 32                | YES             | For detailed burst Data see separate table Type5_Trial29 |
| 30           | 24                | YES             | For detailed burst Data see separate table Type5_Trial30 |

## Detailed Results for Radar Type 5\_Trial 1

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 66.600           | 20.000000         | ---                       | ---                       | 330.000                                |
| 2     | 1             | 74.500           | 20.000000         | ---                       | ---                       | 248.000                                |
| 3     | 2             | 68.200           | 20.000000         | 1149.000                  | ---                       | 80.000                                 |
| 4     | 2             | 70.100           | 20.000000         | 1849.000                  | ---                       | 536.000                                |
| 5     | 3             | 65.800           | 20.000000         | 1316.000                  | 1180.000                  | 623.000                                |
| 6     | 3             | 82.100           | 20.000000         | 1690.000                  | 1661.000                  | 503.000                                |
| 7     | 2             | 95.900           | 20.000000         | 1840.000                  | ---                       | 687.000                                |
| 8     | 1             | 51.100           | 20.000000         | ---                       | ---                       | 107.000                                |
| 9     | 2             | 99.600           | 20.000000         | 1035.000                  | ---                       | 389.000                                |
| 10    | 1             | 59.600           | 20.000000         | ---                       | ---                       | 424.000                                |
| 11    | 3             | 96.000           | 20.000000         | 1733.000                  | 1820.000                  | 427.000                                |
| 12    | 3             | 64.400           | 20.000000         | 1553.000                  | 1679.000                  | 204.000                                |
| 13    | 2             | 82.800           | 20.000000         | 1451.000                  | ---                       | 69.000                                 |
| 14    | 2             | 86.800           | 20.000000         | 1508.000                  | ---                       | 573.000                                |
| 15    | 2             | 76.300           | 20.000000         | 1738.000                  | ---                       | 361.000                                |
| 16    | 2             | 83.800           | 20.000000         | 1152.000                  | ---                       | 683.000                                |

## Detailed Results for Radar Type 5\_Trial 2

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 51.000           | 9.000000          | 1731.000                  | ---                       | 259.000                                |
| 2     | 2             | 69.300           | 9.000000          | 1762.000                  | ---                       | 617.000                                |
| 3     | 1             | 94.600           | 9.000000          | ---                       | ---                       | 379.000                                |
| 4     | 2             | 65.100           | 9.000000          | 1536.000                  | ---                       | 103.000                                |
| 5     | 3             | 51.100           | 9.000000          | 1546.000                  | 1400.000                  | 650.000                                |
| 6     | 2             | 86.100           | 9.000000          | 1619.000                  | ---                       | 221.000                                |
| 7     | 1             | 80.000           | 9.000000          | ---                       | ---                       | 44.000                                 |
| 8     | 1             | 60.800           | 9.000000          | ---                       | ---                       | 384.000                                |
| 9     | 3             | 56.200           | 9.000000          | 1627.000                  | 1397.000                  | 126.000                                |
| 10    | 1             | 99.700           | 9.000000          | ---                       | ---                       | 20.000                                 |
| 11    | 1             | 84.000           | 9.000000          | ---                       | ---                       | 411.000                                |
| 12    | 3             | 83.100           | 9.000000          | 1223.000                  | 1586.000                  | 232.000                                |
| 13    | 1             | 50.900           | 9.000000          | ---                       | ---                       | 179.000                                |
| 14    | 1             | 53.200           | 9.000000          | ---                       | ---                       | 48.000                                 |
| 15    | 2             | 71.800           | 9.000000          | 1079.000                  | ---                       | 692.000                                |
| 16    | 2             | 66.300           | 9.000000          | 1893.000                  | ---                       | 503.000                                |
| 17    | 2             | 51.200           | 9.000000          | 1362.000                  | ---                       | 455.000                                |

### Detailed Results for Radar Type 5\_Trial 3

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 51.100           | 19.000000         | ---                       | ---                       | 551.000                                |
| 2     | 2             | 85.100           | 19.000000         | 1734.000                  | ---                       | 404.000                                |
| 3     | 3             | 52.100           | 19.000000         | 1720.000                  | 1874.000                  | 512.000                                |
| 4     | 1             | 74.000           | 19.000000         | ---                       | ---                       | 40.000                                 |
| 5     | 2             | 52.100           | 19.000000         | 1849.000                  | ---                       | 96.000                                 |
| 6     | 2             | 76.700           | 19.000000         | 1657.000                  | ---                       | 349.000                                |
| 7     | 1             | 55.400           | 19.000000         | ---                       | ---                       | 91.000                                 |
| 8     | 3             | 81.200           | 19.000000         | 1796.000                  | 1552.000                  | 89.000                                 |
| 9     | 2             | 60.900           | 19.000000         | 1713.000                  | ---                       | 57.000                                 |
| 10    | 2             | 57.100           | 19.000000         | 1611.000                  | ---                       | 530.000                                |
| 11    | 2             | 50.100           | 19.000000         | 1364.000                  | ---                       | 248.000                                |
| 12    | 1             | 89.400           | 19.000000         | ---                       | ---                       | 296.000                                |
| 13    | 3             | 64.500           | 19.000000         | 1437.000                  | 1500.000                  | 469.000                                |
| 14    | 2             | 72.500           | 19.000000         | 1415.000                  | ---                       | 437.000                                |
| 15    | 3             | 72.200           | 19.000000         | 1705.000                  | 1577.000                  | 554.000                                |
| 16    | 2             | 87.800           | 19.000000         | 1175.000                  | ---                       | 48.000                                 |
| 17    | 2             | 91.300           | 19.000000         | 1613.000                  | ---                       | 537.000                                |
| 18    | 2             | 65.400           | 19.000000         | 1307.000                  | ---                       | 194.000                                |
| 19    | 1             | 56.300           | 19.000000         | ---                       | ---                       | 276.000                                |
| 20    | 2             | 68.900           | 19.000000         | 1611.000                  | ---                       | 430.000                                |

## Detailed Results for Radar Type 5\_Trial 4

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 55.900           | 14.000000         | 1883.000                  | ---                       | 1025.000                               |
| 2     | 2             | 64.100           | 14.000000         | 1710.000                  | ---                       | 849.000                                |
| 3     | 2             | 77.200           | 14.000000         | 1650.000                  | ---                       | 136.000                                |
| 4     | 2             | 96.600           | 14.000000         | 1520.000                  | ---                       | 468.000                                |
| 5     | 2             | 98.000           | 14.000000         | 923.000                   | ---                       | 376.000                                |
| 6     | 2             | 66.700           | 14.000000         | 1462.000                  | ---                       | 705.000                                |
| 7     | 3             | 66.400           | 14.000000         | 1003.000                  | 1192.000                  | 1416.000                               |
| 8     | 2             | 57.000           | 14.000000         | 1038.000                  | ---                       | 240.000                                |

## Detailed Results for Radar Type 5\_Trial 5

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 58.200           | 10.000000         | 1320.000                  | ---                       | 122.000                                |
| 2     | 2             | 66.300           | 10.000000         | 1849.000                  | ---                       | 244.000                                |
| 3     | 3             | 62.100           | 10.000000         | 1589.000                  | 1390.000                  | 229.000                                |
| 4     | 2             | 74.300           | 10.000000         | 1184.000                  | ---                       | 976.000                                |
| 5     | 1             | 58.600           | 10.000000         | ---                       | ---                       | 730.000                                |
| 6     | 3             | 82.600           | 10.000000         | 1633.000                  | 1513.000                  | 669.000                                |
| 7     | 1             | 73.100           | 10.000000         | ---                       | ---                       | 735.000                                |
| 8     | 1             | 90.900           | 10.000000         | ---                       | ---                       | 645.000                                |
| 9     | 3             | 66.300           | 10.000000         | 1563.000                  | 1348.000                  | 380.000                                |
| 10    | 2             | 54.800           | 10.000000         | 1384.000                  | ---                       | 556.000                                |
| 11    | 3             | 65.600           | 10.000000         | 1218.000                  | 937.000                   | 801.000                                |
| 12    | 3             | 74.500           | 10.000000         | 958.000                   | 1010.000                  | 493.000                                |

## Detailed Results for Radar Type 5\_Trial 6

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 77.400           | 20.000000         | 1666.000                  | ---                       | 613.000                                |
| 2     | 3             | 99.600           | 20.000000         | 1128.000                  | 1195.000                  | 1083.000                               |
| 3     | 3             | 95.100           | 20.000000         | 1506.000                  | 1563.000                  | 362.000                                |
| 4     | 1             | 84.300           | 20.000000         | ---                       | ---                       | 319.000                                |
| 5     | 3             | 88.900           | 20.000000         | 1568.000                  | 1152.000                  | 604.000                                |
| 6     | 2             | 69.200           | 20.000000         | 995.000                   | ---                       | 451.000                                |
| 7     | 2             | 81.400           | 20.000000         | 1689.000                  | ---                       | 791.000                                |
| 8     | 2             | 88.500           | 20.000000         | 1286.000                  | ---                       | 359.000                                |
| 9     | 3             | 70.600           | 20.000000         | 1189.000                  | 1825.000                  | 241.000                                |
| 10    | 3             | 56.000           | 20.000000         | 1217.000                  | 1783.000                  | 317.000                                |

## Detailed Results for Radar Type 5\_Trial 7

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 97.100           | 19.000000         | 1539.000                  | ---                       | 378.000                                |
| 2     | 2             | 62.500           | 19.000000         | 1931.000                  | ---                       | 586.000                                |
| 3     | 3             | 85.200           | 19.000000         | 1860.000                  | 942.000                   | 473.000                                |
| 4     | 2             | 57.800           | 19.000000         | 1401.000                  | ---                       | 394.000                                |
| 5     | 1             | 72.100           | 19.000000         | ---                       | ---                       | 254.000                                |
| 6     | 1             | 92.700           | 19.000000         | ---                       | ---                       | 242.000                                |
| 7     | 2             | 56.200           | 19.000000         | 1405.000                  | ---                       | 411.000                                |
| 8     | 3             | 54.300           | 19.000000         | 1382.000                  | 1712.000                  | 591.000                                |
| 9     | 3             | 88.200           | 19.000000         | 1026.000                  | 1680.000                  | 17.000                                 |
| 10    | 3             | 68.200           | 19.000000         | 1051.000                  | 1804.000                  | 269.000                                |
| 11    | 2             | 91.600           | 19.000000         | 1080.000                  | ---                       | 315.000                                |
| 12    | 2             | 94.700           | 19.000000         | 1056.000                  | ---                       | 501.000                                |
| 13    | 2             | 60.900           | 19.000000         | 1566.000                  | ---                       | 227.000                                |
| 14    | 2             | 57.700           | 19.000000         | 1345.000                  | ---                       | 332.000                                |
| 15    | 2             | 80.500           | 19.000000         | 1002.000                  | ---                       | 131.000                                |
| 16    | 1             | 78.700           | 19.000000         | ---                       | ---                       | 51.000                                 |
| 17    | 2             | 95.800           | 19.000000         | 1851.000                  | ---                       | 346.000                                |
| 18    | 3             | 74.500           | 19.000000         | 1430.000                  | 1097.000                  | 108.000                                |
| 19    | 3             | 65.700           | 19.000000         | 1155.000                  | 1430.000                  | 508.000                                |

## Detailed Results for Radar Type 5\_Trial 8

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 68.600           | 13.000000         | 1614.000                  | ---                       | 278.000                                |
| 2     | 3             | 78.700           | 13.000000         | 1230.000                  | 1429.000                  | 455.000                                |
| 3     | 2             | 72.000           | 13.000000         | 1581.000                  | ---                       | 173.000                                |
| 4     | 2             | 75.600           | 13.000000         | 977.000                   | ---                       | 212.000                                |
| 5     | 2             | 65.500           | 13.000000         | 1725.000                  | ---                       | 589.000                                |
| 6     | 2             | 55.000           | 13.000000         | 1600.000                  | ---                       | 3.000                                  |
| 7     | 1             | 57.000           | 13.000000         | ---                       | ---                       | 642.000                                |
| 8     | 2             | 70.100           | 13.000000         | 1454.000                  | ---                       | 556.000                                |
| 9     | 2             | 52.700           | 13.000000         | 1212.000                  | ---                       | 448.000                                |
| 10    | 3             | 61.200           | 13.000000         | 1845.000                  | 1035.000                  | 543.000                                |
| 11    | 2             | 98.000           | 13.000000         | 1740.000                  | ---                       | 298.000                                |
| 12    | 2             | 56.300           | 13.000000         | 1488.000                  | ---                       | 3.000                                  |
| 13    | 3             | 74.200           | 13.000000         | 1454.000                  | 1697.000                  | 589.000                                |
| 14    | 1             | 91.600           | 13.000000         | ---                       | ---                       | 282.000                                |
| 15    | 3             | 70.600           | 13.000000         | 1578.000                  | 1218.000                  | 414.000                                |

## Detailed Results for Radar Type 5\_Trial 9

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 54.600           | 13.000000         | 1482.000                  | ---                       | 997.000                                |
| 2     | 3             | 58.000           | 13.000000         | 1111.000                  | 999.000                   | 712.000                                |
| 3     | 3             | 63.400           | 13.000000         | 1268.000                  | 1709.000                  | 269.000                                |
| 4     | 3             | 67.400           | 13.000000         | 1035.000                  | 1498.000                  | 377.000                                |
| 5     | 3             | 70.200           | 13.000000         | 1122.000                  | 999.000                   | 381.000                                |
| 6     | 1             | 92.500           | 13.000000         | ---                       | ---                       | 942.000                                |
| 7     | 3             | 63.900           | 13.000000         | 1233.000                  | 1239.000                  | 49.000                                 |
| 8     | 1             | 67.700           | 13.000000         | ---                       | ---                       | 121.000                                |
| 9     | 2             | 74.700           | 13.000000         | 1791.000                  | ---                       | 596.000                                |
| 10    | 2             | 98.000           | 13.000000         | 1740.000                  | ---                       | 602.000                                |

## Detailed Results for Radar Type 5\_Trial 10

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 64.900           | 8.000000          | 1505.000                  | 942.000                   | 403.000                                |
| 2     | 2             | 74.300           | 8.000000          | 1789.000                  | ---                       | 177.000                                |
| 3     | 3             | 70.800           | 8.000000          | 1084.000                  | 1077.000                  | 477.000                                |
| 4     | 2             | 89.800           | 8.000000          | 1727.000                  | ---                       | 39.000                                 |
| 5     | 2             | 93.800           | 8.000000          | 1220.000                  | ---                       | 581.000                                |
| 6     | 3             | 71.300           | 8.000000          | 1699.000                  | 1079.000                  | 519.000                                |
| 7     | 2             | 73.200           | 8.000000          | 1306.000                  | ---                       | 9.000                                  |
| 8     | 2             | 78.200           | 8.000000          | 1010.000                  | ---                       | 72.000                                 |
| 9     | 3             | 65.600           | 8.000000          | 1443.000                  | 1201.000                  | 152.000                                |
| 10    | 2             | 80.300           | 8.000000          | 1521.000                  | ---                       | 187.000                                |
| 11    | 1             | 53.000           | 8.000000          | ---                       | ---                       | 669.000                                |
| 12    | 2             | 97.600           | 8.000000          | 1808.000                  | ---                       | 558.000                                |
| 13    | 2             | 69.000           | 8.000000          | 1583.000                  | ---                       | 502.000                                |
| 14    | 3             | 98.300           | 8.000000          | 1282.000                  | 1548.000                  | 356.000                                |
| 15    | 3             | 58.000           | 8.000000          | 1058.000                  | 1448.000                  | 179.000                                |
| 16    | 2             | 53.300           | 8.000000          | 993.000                   | ---                       | 253.000                                |
| 17    | 2             | 78.600           | 8.000000          | 1265.000                  | ---                       | 413.000                                |

## Detailed Results for Radar Type 5\_Trial 11

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 93.600           | 5.000000          | ---                       | ---                       | 12.000                                 |
| 2     | 3             | 75.700           | 5.000000          | 1082.000                  | 1831.000                  | 391.000                                |
| 3     | 1             | 78.600           | 5.000000          | ---                       | ---                       | 945.000                                |
| 4     | 3             | 97.800           | 5.000000          | 1410.000                  | 1227.000                  | 166.000                                |
| 5     | 2             | 90.700           | 5.000000          | 1124.000                  | ---                       | 67.000                                 |
| 6     | 2             | 98.300           | 5.000000          | 1313.000                  | ---                       | 512.000                                |
| 7     | 3             | 72.800           | 5.000000          | 1011.000                  | 1020.000                  | 645.000                                |
| 8     | 3             | 73.700           | 5.000000          | 1726.000                  | 1553.000                  | 442.000                                |
| 9     | 1             | 90.200           | 5.000000          | ---                       | ---                       | 22.000                                 |
| 10    | 1             | 62.700           | 5.000000          | ---                       | ---                       | 746.000                                |
| 11    | 3             | 83.300           | 5.000000          | 1501.000                  | 1874.000                  | 837.000                                |
| 12    | 3             | 80.000           | 5.000000          | 1591.000                  | 1770.000                  | 458.000                                |

## Detailed Results for Radar Type 5\_Trial 12

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 66.900           | 16.000000         | 1927.000                  | ---                       | 308.000                                |
| 2     | 3             | 68.300           | 16.000000         | 1068.000                  | 1286.000                  | 574.000                                |
| 3     | 2             | 50.600           | 16.000000         | 1234.000                  | ---                       | 468.000                                |
| 4     | 2             | 58.200           | 16.000000         | 1470.000                  | ---                       | 785.000                                |
| 5     | 3             | 58.300           | 16.000000         | 1083.000                  | 1021.000                  | 1235.000                               |
| 6     | 1             | 71.500           | 16.000000         | ---                       | ---                       | 91.000                                 |
| 7     | 1             | 67.400           | 16.000000         | ---                       | ---                       | 710.000                                |
| 8     | 3             | 59.100           | 16.000000         | 1642.000                  | 1231.000                  | 561.000                                |
| 9     | 2             | 66.000           | 16.000000         | 1446.000                  | ---                       | 628.000                                |

## Detailed Results for Radar Type 5\_Trial 13

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 92.800           | 10.000000         | 1307.000                  | 1195.000                  | 177.000                                |
| 2     | 2             | 69.200           | 10.000000         | 1264.000                  | ---                       | 1014.000                               |
| 3     | 2             | 63.000           | 10.000000         | 1830.000                  | ---                       | 875.000                                |
| 4     | 1             | 58.400           | 10.000000         | ---                       | ---                       | 470.000                                |
| 5     | 2             | 74.900           | 10.000000         | 1531.000                  | ---                       | 184.000                                |
| 6     | 2             | 76.000           | 10.000000         | 1488.000                  | ---                       | 679.000                                |
| 7     | 2             | 50.500           | 10.000000         | 1360.000                  | ---                       | 296.000                                |
| 8     | 1             | 82.500           | 10.000000         | ---                       | ---                       | 645.000                                |
| 9     | 3             | 58.800           | 10.000000         | 1168.000                  | 1620.000                  | 345.000                                |
| 10    | 2             | 70.900           | 10.000000         | 1468.000                  | ---                       | 205.000                                |
| 11    | 1             | 72.700           | 10.000000         | ---                       | ---                       | 702.000                                |

## Detailed Results for Radar Type 5\_Trial 14

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 50.800           | 18.000000         | 1595.000                  | ---                       | 21.000                                 |
| 2     | 2             | 52.000           | 18.000000         | 1563.000                  | ---                       | 729.000                                |
| 3     | 2             | 58.800           | 18.000000         | 1384.000                  | ---                       | 15.000                                 |
| 4     | 2             | 79.700           | 18.000000         | 979.000                   | ---                       | 261.000                                |
| 5     | 1             | 69.500           | 18.000000         | ---                       | ---                       | 533.000                                |
| 6     | 2             | 98.900           | 18.000000         | 1015.000                  | ---                       | 493.000                                |
| 7     | 2             | 82.800           | 18.000000         | 1634.000                  | ---                       | 218.000                                |
| 8     | 1             | 70.100           | 18.000000         | ---                       | ---                       | 1102.000                               |
| 9     | 2             | 89.200           | 18.000000         | 1357.000                  | ---                       | 524.000                                |

## Detailed Results for Radar Type 5\_Trial 15

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 74.800           | 8.000000          | 1894.000                  | ---                       | 41.000                                 |
| 2     | 2             | 95.100           | 8.000000          | 1815.000                  | ---                       | 443.000                                |
| 3     | 1             | 95.500           | 8.000000          | ---                       | ---                       | 663.000                                |
| 4     | 2             | 87.500           | 8.000000          | 1259.000                  | ---                       | 156.000                                |
| 5     | 3             | 86.300           | 8.000000          | 947.000                   | 1761.000                  | 185.000                                |
| 6     | 1             | 90.900           | 8.000000          | ---                       | ---                       | 246.000                                |
| 7     | 2             | 51.800           | 8.000000          | 1879.000                  | ---                       | 166.000                                |
| 8     | 1             | 92.100           | 8.000000          | ---                       | ---                       | 203.000                                |
| 9     | 3             | 83.800           | 8.000000          | 1477.000                  | 1851.000                  | 570.000                                |
| 10    | 1             | 51.500           | 8.000000          | ---                       | ---                       | 48.000                                 |
| 11    | 1             | 60.400           | 8.000000          | ---                       | ---                       | 1.000                                  |
| 12    | 3             | 95.800           | 8.000000          | 934.000                   | 1424.000                  | 382.000                                |
| 13    | 2             | 79.200           | 8.000000          | 1808.000                  | ---                       | 537.000                                |
| 14    | 3             | 79.500           | 8.000000          | 1300.000                  | 1192.000                  | 323.000                                |
| 15    | 1             | 83.200           | 8.000000          | ---                       | ---                       | 343.000                                |
| 16    | 2             | 98.800           | 8.000000          | 1791.000                  | ---                       | 560.000                                |
| 17    | 2             | 50.800           | 8.000000          | 1866.000                  | ---                       | 659.000                                |

## Detailed Results for Radar Type 5\_Trial 16

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 52.100           | 18.000000         | 1215.000                  | ---                       | 17.000                                 |
| 2     | 3             | 99.800           | 18.000000         | 1736.000                  | 1673.000                  | 148.000                                |
| 3     | 2             | 53.200           | 18.000000         | 1233.000                  | ---                       | 12.000                                 |
| 4     | 1             | 87.200           | 18.000000         | ---                       | ---                       | 540.000                                |
| 5     | 2             | 75.200           | 18.000000         | 975.000                   | ---                       | 618.000                                |
| 6     | 3             | 63.600           | 18.000000         | 1614.000                  | 1448.000                  | 732.000                                |
| 7     | 2             | 61.200           | 18.000000         | 1118.000                  | ---                       | 137.000                                |
| 8     | 2             | 86.400           | 18.000000         | 1014.000                  | ---                       | 331.000                                |
| 9     | 2             | 79.400           | 18.000000         | 1910.000                  | ---                       | 737.000                                |
| 10    | 2             | 84.300           | 18.000000         | 1126.000                  | ---                       | 48.000                                 |
| 11    | 2             | 81.500           | 18.000000         | 1345.000                  | ---                       | 288.000                                |
| 12    | 3             | 81.300           | 18.000000         | 1810.000                  | 952.000                   | 529.000                                |
| 13    | 2             | 94.900           | 18.000000         | 1306.000                  | ---                       | 612.000                                |
| 14    | 3             | 69.600           | 18.000000         | 1632.000                  | 1730.000                  | 692.000                                |
| 15    | 3             | 73.300           | 18.000000         | 1015.000                  | 1552.000                  | 317.000                                |
| 16    | 3             | 93.100           | 18.000000         | 1179.000                  | 1533.000                  | 7.000                                  |

## Detailed Results for Radar Type 5\_Trial 17

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 97.300           | 12.000000         | 1764.000                  | 1049.000                  | 85.000                                 |
| 2     | 1             | 83.400           | 12.000000         | ---                       | ---                       | 882.000                                |
| 3     | 1             | 94.700           | 12.000000         | ---                       | ---                       | 903.000                                |
| 4     | 2             | 60.100           | 12.000000         | 1023.000                  | ---                       | 878.000                                |
| 5     | 2             | 54.600           | 12.000000         | 1385.000                  | ---                       | 1271.000                               |
| 6     | 3             | 88.100           | 12.000000         | 1088.000                  | 1048.000                  | 932.000                                |
| 7     | 3             | 90.200           | 12.000000         | 1799.000                  | 1142.000                  | 226.000                                |
| 8     | 3             | 63.400           | 12.000000         | 1149.000                  | 971.000                   | 1426.000                               |

## Detailed Results for Radar Type 5\_Trial 18

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 64.600           | 15.000000         | ---                       | ---                       | 373.000                                |
| 2     | 2             | 95.900           | 15.000000         | 1430.000                  | ---                       | 66.000                                 |
| 3     | 2             | 54.800           | 15.000000         | 1287.000                  | ---                       | 696.000                                |
| 4     | 2             | 63.800           | 15.000000         | 1654.000                  | ---                       | 597.000                                |
| 5     | 2             | 55.100           | 15.000000         | 1400.000                  | ---                       | 517.000                                |
| 6     | 2             | 92.900           | 15.000000         | 1849.000                  | ---                       | 259.000                                |
| 7     | 3             | 56.500           | 15.000000         | 1000.000                  | 1682.000                  | 660.000                                |
| 8     | 1             | 61.700           | 15.000000         | ---                       | ---                       | 591.000                                |
| 9     | 1             | 58.100           | 15.000000         | ---                       | ---                       | 474.000                                |
| 10    | 2             | 95.400           | 15.000000         | 1214.000                  | ---                       | 1077.000                               |
| 11    | 2             | 96.700           | 15.000000         | 1667.000                  | ---                       | 917.000                                |

## Detailed Results for Radar Type 5\_Trial 19

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 76.300           | 6.000000          | 1673.000                  | 1870.000                  | 757.000                                |
| 2     | 1             | 85.600           | 6.000000          | ---                       | ---                       | 712.000                                |
| 3     | 2             | 87.400           | 6.000000          | 1495.000                  | ---                       | 427.000                                |
| 4     | 2             | 67.800           | 6.000000          | 1430.000                  | ---                       | 153.000                                |
| 5     | 1             | 80.900           | 6.000000          | ---                       | ---                       | 197.000                                |
| 6     | 1             | 80.300           | 6.000000          | ---                       | ---                       | 160.000                                |
| 7     | 3             | 86.500           | 6.000000          | 1329.000                  | 1212.000                  | 509.000                                |
| 8     | 1             | 96.300           | 6.000000          | ---                       | ---                       | 828.000                                |
| 9     | 1             | 80.800           | 6.000000          | ---                       | ---                       | 306.000                                |
| 10    | 2             | 74.900           | 6.000000          | 1636.000                  | ---                       | 609.000                                |
| 11    | 3             | 60.400           | 6.000000          | 1278.000                  | 1394.000                  | 269.000                                |
| 12    | 3             | 57.300           | 6.000000          | 1719.000                  | 999.000                   | 826.000                                |
| 13    | 2             | 64.800           | 6.000000          | 1378.000                  | ---                       | 41.000                                 |
| 14    | 2             | 66.600           | 6.000000          | 933.000                   | ---                       | 631.000                                |

## Detailed Results for Radar Type 5\_Trial 20

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 97.500           | 12.000000         | 1544.000                  | ---                       | 99.000                                 |
| 2     | 2             | 65.600           | 12.000000         | 1375.000                  | ---                       | 550.000                                |
| 3     | 1             | 68.300           | 12.000000         | ---                       | ---                       | 550.000                                |
| 4     | 3             | 50.300           | 12.000000         | 1878.000                  | 1651.000                  | 1131.000                               |
| 5     | 3             | 51.700           | 12.000000         | 975.000                   | 1518.000                  | 102.000                                |
| 6     | 3             | 57.200           | 12.000000         | 1700.000                  | 1447.000                  | 1041.000                               |
| 7     | 2             | 98.400           | 12.000000         | 1637.000                  | ---                       | 130.000                                |
| 8     | 3             | 58.900           | 12.000000         | 1602.000                  | 1161.000                  | 38.000                                 |
| 9     | 2             | 60.100           | 12.000000         | 984.000                   | ---                       | 333.000                                |

## Detailed Results for Radar Type 5\_Trial 21

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 66.400           | 15.000000         | 1599.000                  | 1875.000                  | 190.000                                |
| 2     | 1             | 73.600           | 15.000000         | ---                       | ---                       | 165.000                                |
| 3     | 2             | 55.200           | 15.000000         | 1726.000                  | ---                       | 332.000                                |
| 4     | 2             | 62.700           | 15.000000         | 1752.000                  | ---                       | 117.000                                |
| 5     | 3             | 50.600           | 15.000000         | 1523.000                  | 1052.000                  | 572.000                                |
| 6     | 2             | 57.800           | 15.000000         | 944.000                   | ---                       | 746.000                                |
| 7     | 3             | 98.000           | 15.000000         | 1343.000                  | 1215.000                  | 147.000                                |
| 8     | 2             | 82.800           | 15.000000         | 1182.000                  | ---                       | 30.000                                 |
| 9     | 2             | 62.900           | 15.000000         | 1549.000                  | ---                       | 395.000                                |
| 10    | 2             | 50.700           | 15.000000         | 1196.000                  | ---                       | 333.000                                |
| 11    | 3             | 69.200           | 15.000000         | 1106.000                  | 1036.000                  | 388.000                                |
| 12    | 3             | 60.900           | 15.000000         | 1175.000                  | 1183.000                  | 612.000                                |
| 13    | 2             | 78.500           | 15.000000         | 1908.000                  | ---                       | 125.000                                |
| 14    | 2             | 67.800           | 15.000000         | 1667.000                  | ---                       | 502.000                                |
| 15    | 2             | 58.000           | 15.000000         | 1869.000                  | ---                       | 224.000                                |

## Detailed Results for Radar Type 5\_Trial 22

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 69.000           | 7.000000          | 1220.000                  | ---                       | 20.000                                 |
| 2     | 3             | 88.500           | 7.000000          | 1376.000                  | 1096.000                  | 45.000                                 |
| 3     | 2             | 56.300           | 7.000000          | 1207.000                  | ---                       | 779.000                                |
| 4     | 2             | 88.800           | 7.000000          | 1793.000                  | ---                       | 532.000                                |
| 5     | 1             | 78.600           | 7.000000          | ---                       | ---                       | 577.000                                |
| 6     | 2             | 82.300           | 7.000000          | 1534.000                  | ---                       | 549.000                                |
| 7     | 1             | 71.700           | 7.000000          | ---                       | ---                       | 612.000                                |
| 8     | 2             | 52.800           | 7.000000          | 1891.000                  | ---                       | 631.000                                |
| 9     | 1             | 66.100           | 7.000000          | ---                       | ---                       | 166.000                                |
| 10    | 2             | 72.800           | 7.000000          | 1460.000                  | ---                       | 381.000                                |
| 11    | 2             | 82.900           | 7.000000          | 1293.000                  | ---                       | 451.000                                |
| 12    | 3             | 72.300           | 7.000000          | 1224.000                  | 1577.000                  | 61.000                                 |
| 13    | 2             | 91.900           | 7.000000          | 1281.000                  | ---                       | 619.000                                |
| 14    | 3             | 82.400           | 7.000000          | 1570.000                  | 1469.000                  | 99.000                                 |

## Detailed Results for Radar Type 5\_Trial 23

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 53.400           | 13.000000         | 1343.000                  | 1742.000                  | 651.000                                |
| 2     | 1             | 57.300           | 13.000000         | ---                       | ---                       | 857.000                                |
| 3     | 1             | 61.900           | 13.000000         | ---                       | ---                       | 567.000                                |
| 4     | 3             | 60.500           | 13.000000         | 1355.000                  | 1499.000                  | 847.000                                |
| 5     | 1             | 62.000           | 13.000000         | ---                       | ---                       | 1014.000                               |
| 6     | 2             | 94.800           | 13.000000         | 1584.000                  | ---                       | 512.000                                |
| 7     | 1             | 64.300           | 13.000000         | ---                       | ---                       | 992.000                                |
| 8     | 3             | 93.200           | 13.000000         | 1157.000                  | 1861.000                  | 285.000                                |
| 9     | 3             | 56.000           | 13.000000         | 1813.000                  | 1900.000                  | 1189.000                               |
| 10    | 2             | 79.100           | 13.000000         | 1234.000                  | ---                       | 1006.000                               |

## Detailed Results for Radar Type 5\_Trial 24

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 97.900           | 7.000000          | 1124.000                  | ---                       | 368.000                                |
| 2     | 2             | 94.200           | 7.000000          | 1097.000                  | ---                       | 363.000                                |
| 3     | 2             | 95.600           | 7.000000          | 1706.000                  | ---                       | 338.000                                |
| 4     | 3             | 60.700           | 7.000000          | 1726.000                  | 1788.000                  | 628.000                                |
| 5     | 2             | 79.600           | 7.000000          | 921.000                   | ---                       | 352.000                                |
| 6     | 2             | 55.700           | 7.000000          | 1463.000                  | ---                       | 71.000                                 |
| 7     | 2             | 92.300           | 7.000000          | 1486.000                  | ---                       | 208.000                                |
| 8     | 3             | 59.600           | 7.000000          | 1550.000                  | 1830.000                  | 605.000                                |
| 9     | 2             | 95.900           | 7.000000          | 1529.000                  | ---                       | 727.000                                |
| 10    | 2             | 87.500           | 7.000000          | 1521.000                  | ---                       | 637.000                                |
| 11    | 3             | 81.100           | 7.000000          | 961.000                   | 1815.000                  | 593.000                                |
| 12    | 3             | 93.000           | 7.000000          | 1246.000                  | 1717.000                  | 400.000                                |
| 13    | 3             | 62.500           | 7.000000          | 1219.000                  | 1563.000                  | 742.000                                |
| 14    | 1             | 70.400           | 7.000000          | ---                       | ---                       | 627.000                                |
| 15    | 2             | 63.400           | 7.000000          | 1345.000                  | ---                       | 439.000                                |
| 16    | 1             | 78.000           | 7.000000          | ---                       | ---                       | 663.000                                |

## Detailed Results for Radar Type 5\_Trial 25

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 3             | 56.900           | 7.000000          | 1444.000                  | 967.000                   | 453.000                                |
| 2     | 3             | 59.600           | 7.000000          | 1787.000                  | 1144.000                  | 206.000                                |
| 3     | 3             | 95.100           | 7.000000          | 1708.000                  | 1109.000                  | 579.000                                |
| 4     | 1             | 90.100           | 7.000000          | ---                       | ---                       | 554.000                                |
| 5     | 1             | 81.600           | 7.000000          | ---                       | ---                       | 140.000                                |
| 6     | 2             | 78.100           | 7.000000          | 1096.000                  | ---                       | 407.000                                |
| 7     | 1             | 99.000           | 7.000000          | ---                       | ---                       | 350.000                                |
| 8     | 3             | 81.300           | 7.000000          | 1461.000                  | 1547.000                  | 552.000                                |
| 9     | 2             | 54.900           | 7.000000          | 1737.000                  | ---                       | 501.000                                |
| 10    | 2             | 54.200           | 7.000000          | 1388.000                  | ---                       | 121.000                                |
| 11    | 2             | 86.200           | 7.000000          | 971.000                   | ---                       | 397.000                                |
| 12    | 2             | 79.100           | 7.000000          | 1117.000                  | ---                       | 318.000                                |
| 13    | 2             | 55.200           | 7.000000          | 1399.000                  | ---                       | 427.000                                |
| 14    | 1             | 57.800           | 7.000000          | ---                       | ---                       | 441.000                                |
| 15    | 2             | 56.500           | 7.000000          | 1323.000                  | ---                       | 397.000                                |
| 16    | 1             | 57.200           | 7.000000          | ---                       | ---                       | 435.000                                |
| 17    | 2             | 71.400           | 7.000000          | 989.000                   | ---                       | 500.000                                |
| 18    | 2             | 75.000           | 7.000000          | 1489.000                  | ---                       | 16.000                                 |
| 19    | 1             | 94.000           | 7.000000          | ---                       | ---                       | 44.000                                 |
| 20    | 3             | 72.700           | 7.000000          | 1153.000                  | 1688.000                  | 262.000                                |

## Detailed Results for Radar Type 5\_Trial 26

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 80.100           | 9.000000          | ---                       | ---                       | 183.000                                |
| 2     | 2             | 59.600           | 9.000000          | 946.000                   | ---                       | 473.000                                |
| 3     | 2             | 89.000           | 9.000000          | 1573.000                  | ---                       | 426.000                                |
| 4     | 2             | 68.300           | 9.000000          | 1801.000                  | ---                       | 366.000                                |
| 5     | 1             | 89.400           | 9.000000          | ---                       | ---                       | 250.000                                |
| 6     | 2             | 64.000           | 9.000000          | 958.000                   | ---                       | 447.000                                |
| 7     | 2             | 82.200           | 9.000000          | 1272.000                  | ---                       | 585.000                                |
| 8     | 2             | 67.300           | 9.000000          | 1688.000                  | ---                       | 134.000                                |
| 9     | 2             | 52.500           | 9.000000          | 1696.000                  | ---                       | 264.000                                |
| 10    | 2             | 84.100           | 9.000000          | 1133.000                  | ---                       | 335.000                                |
| 11    | 2             | 53.000           | 9.000000          | 1374.000                  | ---                       | 890.000                                |
| 12    | 2             | 62.000           | 9.000000          | 1636.000                  | ---                       | 526.000                                |
| 13    | 3             | 96.100           | 9.000000          | 1660.000                  | 1103.000                  | 493.000                                |

## Detailed Results for Radar Type 5\_Trial 27

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 78.100           | 10.000000         | 1102.000                  | ---                       | 160.000                                |
| 2     | 2             | 51.400           | 10.000000         | 957.000                   | ---                       | 633.000                                |
| 3     | 3             | 85.200           | 10.000000         | 1076.000                  | 1386.000                  | 363.000                                |
| 4     | 1             | 96.300           | 10.000000         | ---                       | ---                       | 992.000                                |
| 5     | 1             | 67.200           | 10.000000         | ---                       | ---                       | 751.000                                |
| 6     | 3             | 68.900           | 10.000000         | 1284.000                  | 1725.000                  | 149.000                                |
| 7     | 2             | 75.900           | 10.000000         | 958.000                   | ---                       | 690.000                                |
| 8     | 2             | 87.000           | 10.000000         | 1715.000                  | ---                       | 512.000                                |
| 9     | 1             | 88.500           | 10.000000         | ---                       | ---                       | 611.000                                |
| 10    | 3             | 61.000           | 10.000000         | 1333.000                  | 1179.000                  | 361.000                                |
| 11    | 1             | 57.000           | 10.000000         | ---                       | ---                       | 214.000                                |
| 12    | 2             | 55.900           | 10.000000         | 1656.000                  | ---                       | 643.000                                |

## Detailed Results for Radar Type 5\_Trial 28

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 77.900           | 16.000000         | 1250.000                  | ---                       | 478.000                                |
| 2     | 2             | 69.500           | 16.000000         | 1007.000                  | ---                       | 962.000                                |
| 3     | 2             | 74.500           | 16.000000         | 1631.000                  | ---                       | 657.000                                |
| 4     | 1             | 93.900           | 16.000000         | ---                       | ---                       | 564.000                                |
| 5     | 2             | 55.400           | 16.000000         | 949.000                   | ---                       | 59.000                                 |
| 6     | 3             | 50.400           | 16.000000         | 1162.000                  | 1396.000                  | 565.000                                |
| 7     | 1             | 68.600           | 16.000000         | ---                       | ---                       | 732.000                                |
| 8     | 3             | 88.700           | 16.000000         | 1750.000                  | 1835.000                  | 872.000                                |
| 9     | 2             | 54.900           | 16.000000         | 1869.000                  | ---                       | 32.000                                 |
| 10    | 3             | 51.000           | 16.000000         | 970.000                   | 1344.000                  | 750.000                                |
| 11    | 3             | 86.500           | 16.000000         | 1599.000                  | 1682.000                  | 364.000                                |

## Detailed Results for Radar Type 5\_Trial 29

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 1             | 80.900           | 6.000000          | ---                       | ---                       | 565.000                                |
| 2     | 3             | 55.800           | 6.000000          | 1708.000                  | 1448.000                  | 439.000                                |
| 3     | 2             | 93.400           | 6.000000          | 985.000                   | ---                       | 706.000                                |
| 4     | 2             | 83.200           | 6.000000          | 1912.000                  | ---                       | 758.000                                |
| 5     | 3             | 59.100           | 6.000000          | 1594.000                  | 1591.000                  | 79.000                                 |
| 6     | 2             | 74.400           | 6.000000          | 939.000                   | ---                       | 107.000                                |
| 7     | 3             | 85.400           | 6.000000          | 1733.000                  | 1253.000                  | 238.000                                |
| 8     | 3             | 98.000           | 6.000000          | 1896.000                  | 1606.000                  | 373.000                                |
| 9     | 1             | 92.100           | 6.000000          | ---                       | ---                       | 363.000                                |
| 10    | 1             | 84.400           | 6.000000          | ---                       | ---                       | 227.000                                |
| 11    | 2             | 67.400           | 6.000000          | 1272.000                  | ---                       | 646.000                                |
| 12    | 3             | 92.000           | 6.000000          | 1831.000                  | 1066.000                  | 457.000                                |
| 13    | 3             | 87.500           | 6.000000          | 1763.000                  | 1055.000                  | 22.000                                 |

## Detailed Results for Radar Type 5\_Trial 30

| Burst | No. of Pulses | Pulse Width (μs) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μs) | Pulse 2-to-3 Spacing (μs) | Starting Location Within Interval (μs) |
|-------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| 1     | 2             | 78.300           | 8.000000          | 1113.000                  | ---                       | 442.000                                |
| 2     | 3             | 73.800           | 8.000000          | 1354.000                  | 1837.000                  | 373.000                                |
| 3     | 3             | 76.100           | 8.000000          | 1355.000                  | 1639.000                  | 48.000                                 |
| 4     | 3             | 87.300           | 8.000000          | 1498.000                  | 1822.000                  | 357.000                                |
| 5     | 1             | 50.900           | 8.000000          | ---                       | ---                       | 161.000                                |
| 6     | 2             | 69.700           | 8.000000          | 1619.000                  | ---                       | 132.000                                |
| 7     | 3             | 76.000           | 8.000000          | 1288.000                  | 1532.000                  | 644.000                                |
| 8     | 2             | 60.600           | 8.000000          | 1300.000                  | ---                       | 48.000                                 |
| 9     | 1             | 98.100           | 8.000000          | ---                       | ---                       | 403.000                                |
| 10    | 2             | 52.200           | 8.000000          | 1422.000                  | ---                       | 506.000                                |
| 11    | 2             | 98.400           | 8.000000          | 1351.000                  | ---                       | 22.000                                 |
| 12    | 2             | 87.700           | 8.000000          | 1180.000                  | ---                       | 634.000                                |
| 13    | 3             | 82.400           | 8.000000          | 1704.000                  | 1848.000                  | 28.000                                 |
| 14    | 3             | 68.900           | 8.000000          | 1080.000                  | 1341.000                  | 12.000                                 |
| 15    | 2             | 71.600           | 8.000000          | 1681.000                  | ---                       | 577.000                                |
| 16    | 3             | 93.100           | 8.000000          | 1758.000                  | 1536.000                  | 609.000                                |
| 17    | 2             | 52.100           | 8.000000          | 1941.000                  | ---                       | 612.000                                |
| 18    | 2             | 89.200           | 8.000000          | 966.000                   | ---                       | 60.000                                 |

## Detailed Results for Radar Type 6

| Trial Number | Pulse Width (μs) | PRI (μs) | No. of Pulses | Pulses Detected | Comment |
|--------------|------------------|----------|---------------|-----------------|---------|
| 1            | 1.000            | 300.000  | 9             | YES             |         |
| 2            | 1.000            | 300.000  | 9             | YES             |         |
| 3            | 1.000            | 300.000  | 9             | YES             |         |
| 4            | 1.000            | 300.000  | 9             | YES             |         |
| 5            | 1.000            | 300.000  | 9             | YES             |         |
| 6            | 1.000            | 300.000  | 9             | YES             |         |
| 7            | 1.000            | 300.000  | 9             | YES             |         |
| 8            | 1.000            | 300.000  | 9             | YES             |         |
| 9            | 1.000            | 300.000  | 9             | YES             |         |
| 10           | 1.000            | 300.000  | 9             | YES             |         |
| 11           | 1.000            | 300.000  | 9             | YES             |         |
| 12           | 1.000            | 300.000  | 9             | YES             |         |
| 13           | 1.000            | 300.000  | 9             | YES             |         |
| 14           | 1.000            | 300.000  | 9             | YES             |         |
| 15           | 1.000            | 300.000  | 9             | YES             |         |
| 16           | 1.000            | 300.000  | 9             | YES             |         |
| 17           | 1.000            | 300.000  | 9             | YES             |         |
| 18           | 1.000            | 300.000  | 9             | YES             |         |
| 19           | 1.000            | 300.000  | 9             | YES             |         |
| 20           | 1.000            | 300.000  | 9             | YES             |         |
| 21           | 1.000            | 300.000  | 9             | YES             |         |
| 22           | 1.000            | 300.000  | 9             | YES             |         |
| 23           | 1.000            | 300.000  | 9             | YES             |         |
| 24           | 1.000            | 300.000  | 9             | YES             |         |
| 25           | 1.000            | 300.000  | 9             | YES             |         |
| 26           | 1.000            | 300.000  | 9             | YES             |         |
| 27           | 1.000            | 300.000  | 9             | YES             |         |
| 28           | 1.000            | 300.000  | 9             | YES             |         |
| 29           | 1.000            | 300.000  | 9             | YES             |         |
| 30           | 1.000            | 300.000  | 9             | YES             |         |

## Radar level verification

| Description / Formula                                                                                                                                                                                                                                                                            | Value                                                             | Unit |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------|
| IF((<br>{DFS Mode(0/1/2)}=0)or(<br>{DFS Mode(0/1/2)}=1) , IF((dBm2W(<br>{Nominal Power[dBm]}>0.2) , -64 , IF(<br>{Configured PSD[dBm]}<10) , -62 , -64))+<br>{Attenuation Vector Generator to DUT[dB]} , -50+<br>{Attenuation Vector Generator to COMP[dB]}+<br>{Radar Signal Level Offset[dB]}) | Given setting / formula<br>to calculate<br>Vector Generator level | --   |
| Requirement of the Detection threshold value<br>for this given values acc. to FCC clause 5.2 / Table 3                                                                                                                                                                                           | -64                                                               | dBm  |
| Vector Generator level setting                                                                                                                                                                                                                                                                   | -17.92                                                            | dBm  |
| Configured overall pathloss from Vector Generator<br>RF out to DUT connector of 'DUT to OSP'-cable                                                                                                                                                                                               | 45.08                                                             | dB   |
| Given additional level added to the amplitude of<br>the waveform to account for variations in measurement<br>equipment acc. to FCC clause 5.2 / Table 3 / Note 2                                                                                                                                 | 1.00                                                              | dB   |
| This results in the following radar signal<br>level at the DUT                                                                                                                                                                                                                                   | -63.00                                                            | dBm  |

## Settings for Radar Type 1 to 4

| Setting          | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Center Frequency | 5.57000 GHz      | 5.57000 GHz  |
| Span             | ZeroSpan         | ZeroSpan     |
| RBW              | 3.000 MHz        | >= 3.000 MHz |
| VBW              | 3.000 MHz        | >= 3.000 MHz |
| SweepPoints      | 30001            | ~ 30001      |
| SweepTime        | 12.000 s         | 12.000 s     |
| Reference Level  | -10.000 dBm      | -10.000 dBm  |
| Attenuation      | 0.000 dB         | 0.000 dB     |
| Detector         | MaxPeak          | MaxPeak      |
| SweepCount       | 1                | 1            |
| Filter           | 3 dB             | 3 dB         |
| Trace Mode       | Clear Write      | Clear Write  |
| SweepType        | Sweep            | AUTO         |
| Preamp           | off              | off          |
| Trigger          | External         | External     |
| Trigger Offset   | 1.000 s          | 1.000 s      |

## Settings for Long Pulse Radar Type 5 (Simulated)

| Setting          | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Center Frequency | 0.00000 Hz       | 0.00000 Hz   |
| Span             | 0.000 Hz         | 0.000 Hz     |
| RBW              | 0.000 Hz         | ~ 0.000 Hz   |
| VBW              | 0.000 Hz         | ~ 0.000 Hz   |
| SweepPoints      | 0                | ~ 0          |
| SweepTime        | 0.000 s          | 0.000 s      |
| Reference Level  | 0.000 dBm        | 0.000 dBm    |
| Attenuation      | 0.000 dB         | 0.000 dB     |
| Detector         | RMS              | RMS          |
| SweepCount       | 0                | 0            |
| Filter           | 3 dB             | 3 dB         |
| Trace Mode       |                  | ~            |
| SweepType        | AUTO             | AUTO         |
| Preamp           | off              | off          |

## Settings for Freq. Hopping Radar Type 6 (Simulated)

| Setting          | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Center Frequency | 0.00000 Hz       | 0.00000 Hz   |
| Span             | 0.000 Hz         | 0.000 Hz     |
| RBW              | 0.000 Hz         | ~ 0.000 Hz   |
| VBW              | 0.000 Hz         | ~ 0.000 Hz   |
| SweepPoints      | 0                | ~ 0          |
| SweepTime        | 0.000 s          | 0.000 s      |
| Reference Level  | 0.000 dBm        | 0.000 dBm    |
| Attenuation      | 0.000 dB         | 0.000 dB     |
| Detector         | RMS              | RMS          |
| SweepCount       | 0                | 0            |
| Filter           | 3 dB             | 3 dB         |
| Trace Mode       |                  | ~            |
| SweepType        | AUTO             | AUTO         |
| Preamp           | off              | off          |

## OSP Video Detector

| Setting          | Instrument Value | Target Value  |
|------------------|------------------|---------------|
| Measurement Time | 12.000 s         | 12.000 s      |
| Samplerate       | 2500 kHz         | 2500 kHz      |
| Tracepoints      | 30000000         | 30000000      |
| Time resolution  | 4.000 $\mu$ s    | 4.000 $\mu$ s |
| Detector         | Peak             | Peak          |