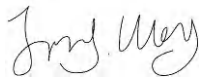
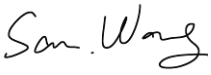
**Shenzhen GUOREN Certification Technology Service Co., Ltd.**
101#, Building K & Building T, The Second Industrial Zone, Jiazitang Community, Fenghuang Street, Guangming District, Shenzhen, China

# FCC PART 15 SUBPART C TEST REPORT
# FCC CFR 47 PART 15E (15.407)

| | | |
|---|---|---|
| **Report Reference No.....** : | **GRCTR231202011-03** | |
| **FCC ID..... :** | **UCC-C260S** | |
| Compiled by ( position+printed name+signature)..: | Testing Engineer Jimmy Wang |  |
| Supervised by ( position+printed name+signature)..: | Project Engineer Kelley Zhang |  |
| Approved by ( position+printed name+signature)..: | Manager Sam Wang |  |
| Date of issue.....: | Jan. 26, 2024 | |

| | |
|---|---|
| **Testing Laboratory Name**.....: | **Shenzhen GUOREN Certification Technology Service Co., Ltd.** |
| Address..... : | 101#, Building K & Building T, The Second Industrial Zone, Jiazitang Community, Fenghuang Street, Guangming District, Shenzhen, China |

| | |
|---|---|
| **Applicant's name**.....: | **Altai Technologies Limited** |
| Address..... : | Unit 209, 2/F, Lakeside 2,10 Science Park West Avenue,HK Science Park, Shatin, Hong Kong |

| | |
|---|---|
| **Test specification**..... **:** | |
| Standard.....: | **FCC CFR 47 PART 15E (15.407)** |



| | |
|---|---|
| **Test item description.....:** | C260-S Wi-Fi 6 Outdoor Dual-Radio AP |
| Trade Mark.....: | Altai Super Wi-Fi |
| Manufacturer.....: | Altai Technologies Limited |
| Model/Type reference..... : | C260-S |
| Listed Models ..... : | / |
| Modulation .....: | DSSS,OFDM |
| Frequency..... | From 5260MHz to 5320MHz, 5500MHz to 5700MHz |
| Rating.....: | DC12V/1.25A or POE: 48~56 VDC |
| Result.....: | **PASS** |

# T E S T  R E P O R T

| | | |
|---|---|---|
| Equipment under Test | : | C260-S Wi-Fi 6 Outdoor Dual-Radio AP |
| Model /Type | : | C260-S |
| Listed Models | : | / |
| **Applicant** | : | **Altai Technologies Limited** |
| Address | : | Unit 209, 2/F, Lakeside 2, 10 Science Park West Avenue,HK Science Park, Shatin, Hong Kong |
| **Manufacturer** | : | **Altai Technologies Limited** |
| Address | : | Unit 209, 2/F, Lakeside 2, 10 Science Park West Avenue,HK Science Park, Shatin, Hong Kong |

| **Test Result:** | **PASS** |
|---|---|

The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

# Contents

# 1. General Information about EUT

## 1.1. General Remarks

| | | |
|---|---|---|
| Date of receipt of test sample | : | Dec. 08, 2023 |
| | | |
| Testing commenced on | : | Dec. 08, 2023 |
| | | |
| Testing concluded on | : | Jan. 26, 2024 |

## 1.2. Product Description

| | |
|---|---|
| Product Name: | C260-S Wi-Fi 6 Outdoor Dual-Radio AP |
| Model/Type reference: | C260-S |
| Listed Models: | / |
| Power supply: | DC12V/1.25A or POE: 48~56 VDC |
| Adapter information: | M/N:EPA5006GP<br>Input:AC 100-240V 50-60Hz<br>Output:DC 54V/0.6A<br>PIN 4,5:54V<br>PIN 7,8:RETURN |
| testing sample ID: | GRCTR231202011-1# (Engineer sample),<br>GRCTR231202011-2# (Normal sample) |
| **WIFI:** | |
| Supported type: | Supported 802.11 a/n/ac/ax |
| Modulation: | IEEE 802.11a: OFDM(64QAM, 16QAM, QPSK, BPSK)<br>IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK,BPSK)<br>IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK,BPSK)<br>IEEE 802.11ac20/40/80/160: OFDM(64QAM, 16QAM, QPSK, BPSK)<br>IEEE 802.11ax20/40/80/160: OFDM(64QAM, 16QAM, QPSK, BPSK) |
| Operation frequency: | IEEE 802.11a:5180-5240MHz,5260-5320MHz,5500-5700MHz,5745-5825MHz<br>IEEE 802.11n HT20:<br>5180-5240MHz,5260-5320MHz,5500-5700MHz,5745-5825MHz<br>IEEE 802.11n HT40:<br>5190-5230MHz,5270-5310MHz,5510-5670MHz,5755-5795MHz |

| | |
|---|---|
| | IEEE 802.11ac20:<br>5180-5240MHz,5260-5320MHz,5500-5700MHz,5745-5825MHz<br>IEEE 802.11ac40:<br>5190-5230MHz,5270-5310MHz,5510-5670MHz,5755-5795MHz<br>IEEE 802.11ac80:5210MHz,5290MHz,5530MHz,5775MHz<br>IEEE 802.11ac160:5250MHz,5570MHz<br>IEEE 802.11ax20:<br>5180-5240MHz,5260-5320MHz,5500-5700MHz,5745-5825MHz<br>IEEE 802.11ax40:<br>5190-5230MHz,5270-5310MHz,5510-5670MHz,5755-5795MHz<br>IEEE 802.11ax80:5210MHz,5290MHz,5530MHz,5775MHz<br>IEEE 802.11ax160:5250MHz,5570MHz |
| Channel number: | 4 Channels for 20MHz bandwidth(5180-5240MHz)<br>4 Channels for 20MHz bandwidth(5260-5320MHz)<br>11 Channels for 20MHz bandwidth(5500-5700MHz)<br>5 channels for 20MHz bandwidth(5745-5825MHz)<br>2 channels for 40MHz bandwidth(5190~5230MHz)<br>2 channels for 40MHz bandwidth(5270~5310MHz)<br>5 Channels for 40MHz bandwidth(5510-5670MHz)<br>2 channels for 40MHz bandwidth(5755~5795MHz)<br>1 channels for 80MHz bandwidth(5210MHz)<br>1 channels for 80MHz bandwidth(5290MHz)<br>1 Channels for 80MHz bandwidth(5530Hz)<br>1 channels for 80MHz bandwidth(5775MHz)<br>1 Channels for 160MHz bandwidth(5250Hz)<br>1 channels for 160MHz bandwidth(5570MHz) |
| Function: | This device was functioned as a<br>☒ Master<br>☐ Slave device with radar detection<br>☐ Slave device without radar detection |
| TPC | ☒ No ☐ Yes |
| Antenna type: | Internal antenna |

| | |
|---|---|
| Antenna gain*<br>(Supplied by the customer): | Ant 1: 13.01 dBi<br>Ant 2: 13.01 dBi |
| Remark:*When the information provided by the customer was used to calculate test results, if the information provided by the customer is not accurate, shenzhen GUOREN Certification Technology Service Co., Ltd. does not assume any responsibility. | |

## 1.3. Short description of the Equipment under Test (EUT)

This is a C260-S Wi-Fi 6 Outdoor Dual-Radio AP.

For more details, refer to the user's manual of the EUT.

## 1.4. Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

**FCC-Registration No.: 920798 Designation Number: CN1304**

Shenzhen GUOREN Certification Technology Service Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements.

**A2LA-Lab Cert. No.: 6202.01**

Shenzhen GUOREN Certification Technology Service Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform electromagnetic emission measurement.

**ISED#: 27264CAB identifier: CN0115**

Shenzhen GUOREN Certification Technology Service Co., Ltd. has been listed by Innovation, Science and Economic Development Canada to perform electromagnetic emission measurement.

**CNAS-Lab Code: L15631**

Shenzhen GUOREN Certification Technology Service Co., Ltd. has been assessed and proved to be in compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories for the Competence of Testing and Calibration Laboratories.

The 3m-Semi anechoic test site fulfils CISPR 16-1-4 according to ANSI C63.10 and CISPR 16-1-4:2010.

# 2. Test Equipment

| Test Equipment | Manufacturer | Model No. | Equipment No. | Calibration Date | Calibration Due Date |
|---|---|---|---|---|---|
| LISN | R&S | ENV216 | GRCTEE009 | 2023/09/27 | 2024/09/26 |
| LISN | R&S | ENV216 | GRCTEE010 | 2023/09/27 | 2024/09/26 |
| EMI Test Receiver | R&S | ESPI | GRCTEE017 | 2023/09/28 | 2024/09/27 |
| EMI Test Receiver | R&S | ESCI | GRCTEE008 | 2023/09/27 | 2024/09/26 |
| Spectrum Analyzer | Agilent | N9020A | GRCTEE002 | 2023/09/27 | 2024/09/26 |
| Spectrum Analyzer | R&S | FSP | GRCTEE003 | 2023/09/28 | 2024/09/27 |
| Vector Signal generator | Agilent | N5181A | GRCTEE007 | 2023/09/27 | 2024/09/26 |
| Analog Signal Generator | R&S | SML03 | GRCTEE006 | 2023/09/27 | 2024/09/26 |
| Climate Chamber | QIYA | LCD-9530 | GRCTES016 | 2023/09/27 | 2024/09/26 |
| Ultra-Broadband Antenna | Schwarzbeck | VULB9163 | GRCTEE018 | 2023/09/28 | 2026/09/27 |
| Horn Antenna | Schwarzbeck | BBHA 9120D | GRCTEE019 | 2023/09/28 | 2026/09/27 |
| Loop Antenna | Zhinan | ZN30900C | GRCTEE020 | 2023/10/15 | 2026/10/14 |
| Horn Antenna | Beijing Hangwei Dayang | OBH100400 | GRCTEE049 | 2023/09/28 | 2026/09/27 |
| Amplifier | Schwarzbeck | BBV 9745 | GRCTEE021 | 2023/09/27 | 2024/09/26 |
| Amplifier | Taiwan chengyi | EMC051845B | GRCTEE022 | 2023/09/28 | 2024/09/27 |
| Temperature/Humidity Meter | Huaguan | HG-308 | GRCTES037 | 2023/09/27 | 2024/09/26 |
| Directional coupler | NARDA | 4226-10 | GRCTEE004 | 2023/09/27 | 2024/09/26 |
| High-Pass Filter | XingBo | XBLBQ-GTA18 | GRCTEE053 | 2023/09/27 | 2024/09/26 |
| High-Pass Filter | XingBo | XBLBQ-GTA27 | GRCTEE054 | 2023/09/27 | 2024/09/26 |
| Automated filter bank | Tonscend | JS0806-F | GRCTEE055 | 2023/09/27 | 2024/09/26 |
| Power Sensor | Agilent | U2021XA | GRCTEE070 | 2023/09/27 | 2024/09/26 |
| EMI Test Software | ROHDE & SCHWARZ | ESK1-V1.71 | GRCTEE060 | N/A | N/A |
| EMI Test Software | Fera | EZ-EMC | GRCTEE061 | N/A | N/A |

# 3. Summary of Test Results

| Clause | Test Parameter | Remarks | Pass/Fail |
|---|---|---|---|
| § 15.407 | DFS Detection Threshold | Required | Pass |
| § 15.407 | Channel Availability Check Time | Required | Pass |
| § 15.407 | Channel Move Time | Required | Pass |
| § 15.407 | Channel Closing Transmission Time | Required | Pass |
| § 15.407 | Non- Occupancy Period | Required | Pass |
| § 15.407 | Statistical Performance Check | Required | Pass |
| § 15.407 | U-NII Detection Bandwidth | Required | Pass |
| Test Mode | | | |
| Device operating in master mode.<br>Master with injection at the Master. (Radar Test Waveforms are injected into the Master) | | | |

# 4. U-NII DFS Rule Requirements

### Applicability of DFS requirements

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

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

| Requirement | Operational Mode | | |
|---|---|---|---|
| | ☒ Master | ☐ Client without radar detection | ☐ Client with radar detection |
| Non-Occupancy Period | Yes | Not required | Yes |
| DFS Detection Threshold | Yes | Not required | Yes |
| Channel Availability Check Time | Yes | Not required | Not required |
| U-NII Detection Bandwidth | Yes | Not required | Yes |

Table 2: Applicability of DFS requirements during normal operation

| Requirement | Operational Mode | | |
|---|---|---|---|
| | ☒ Master | ☐ Client without radar detection | ☐ Client with radar detection |
| DFS Detection Threshold | Yes | Not required | Yes |
| Channel Closing Transmission Time | Yes | Yes | Yes |
| Channel Move Time | Yes | Yes | Yes |
| U-NII Detection Bandwidth | Yes | Not required | Yes |

| Additional requirements for devices with multiple bandwidth modes | ☒ Master Device or Client with Radar Detection | ☐ Client without Detection |
|---|---|---|
| Detection Bandwidth and Statistical Performance Check | All BW modes must be tested | Not required |
| Channel Move Time and Channel Closing Transmission Time | Test using widest BW mode available | Test using widest BW mode available |
| All other tests | Any single BW mode | Not required |
| Note: Frequencies selected for statistical performance check (section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20MHz channels and the channel center frequency. | | |

**Test Limits and Radar Signal Parameters**

Table 5: DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection.

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

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

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

Note3: E.I.R.P is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.

Calibration:

For a detection threshold level of -62dBm and the max antenna gain is 13.01 dBi required detection threshold is -48.99dBm=( -62+13.01)dBm.

To meet the stringent requirement, the DFS test used the detection threshold level of -62dBm.

Note: EIRP < 200 milliwatt and Power pectral density < 10 dBm/MHz in this report, so detection threshold level is -62dBm.

Table 6: DFS Response Requirement Values

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

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

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

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

PARAMETERS OF DFS TEST SIGNALS

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

Table 7: Short Pulse Radar Test Waveforms.

| Radar Type | Pulse Width (µsec) | PRI (µsec) | Number of Pulses | Minimum Percentage of Successful Detection | Minimum Number of Trials |
|---|---|---|---|---|---|
| 0 | 1 | 1428 | 18 | See Note 1 | See Note 1 |
| 1 | 1 | Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a | Roundup $\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot 10^6}{PRI_{\mu sec}}\right)\right\}$ | 60% | 30 |
| | | Test B: 15 unique PRI values randomly selected within the range of 518-3066 µsec, with a minimum increment of 1 µsec, excluding PRI values selected in Test A | | | |
| 2 | 1-5 | 150-230 | 23-29 | 60% | 30 |
| 3 | 6-10 | 200-500 | 16-18 | 60% | 30 |
| 4 | 11-20 | 200-500 | 12-16 | 60% | 30 |
| Aggregate (Radar Types 1-4) | | | | 80% | 120 |
| **Note 1:** Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests. | | | | | |

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms. If more than 30 waveforms are used for Short Pulse Radar Type 1, then each additional waveform is generated with Test B and must also be unique and not repeated from the previous waveforms in Tests A or B.

Table 7a: Pulse Repetition Intervals Values for Test A.

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

Table 8: Long Pulse Radar Test Waveform

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

The parameters for this waveform are randomly chosen（The center frequency for each of the 30 trials of the Bin 5 radar shall be randomly selected within 80% of the Occupied Bandwidth.）Thirty unique waveforms are required for the Long Pulse Radar Type waveforms. If more than 30 waveforms are used for the Long Pulse Radar Type waveforms, then each additional waveform must also be unique and not repeated from the previous waveforms.

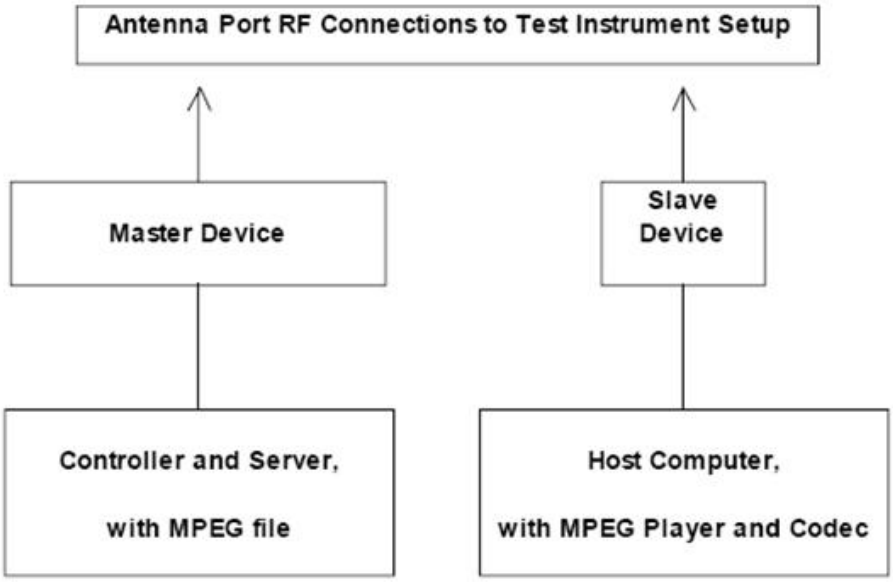
Table 9: Frequency Hopping Radar Test Waveform

| Radar Type | Pulse Width (μsec) | Chirp Width (MHz) | PRI (μsec) | Number of Pulses per Burst | Number of Bursts | Minimum Percentage of Successful Detection | Minimum Number of Trials |
|---|---|---|---|---|---|---|---|
| 6 | 1 | 333 | 9 | 0.333 | 300 | 70% | 30 |

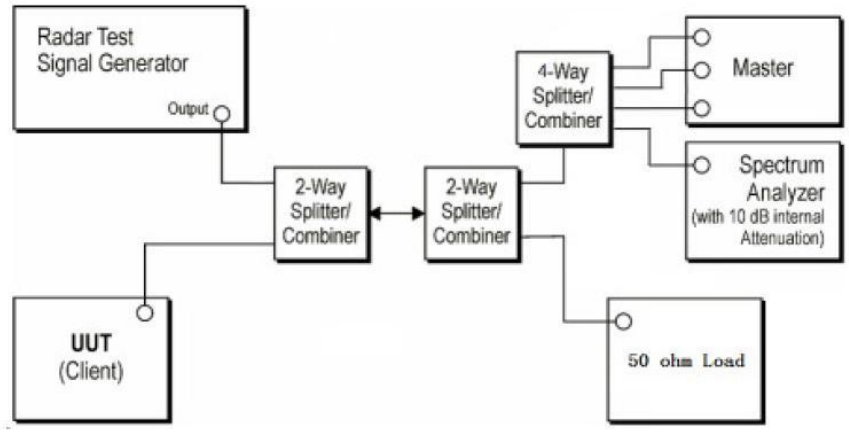
# 5. Calibration of Radar Waveform

**Test Procedure**

1. A 50 ohm load is connected in place of the spectrum analyzer, and the spectrum analyzer is connected in place of the master device and the signal generator is set to CW mode. The amplitude of the signal generator is adjusted to yield a level of –62dBm as measured on the spectrum analyzer.
2. Without changing any of the instrument settings, the spectrum analyzer is reconnected to the Common port of the Spectrum Analyzer Combiner/Divider. Measure the amplitude and calculate the difference from –62dBm. Adjust the Reference Level Offset of the spectrum analyzer to this difference.
3. The spectrum analyzer displays the level of the signal generator as received at the antenna ports of the Master Device. The interference detection threshold may be varied from the calibrated value of –62dBm and the spectrum analyzer will still indicate the level as received by the Master Device.
4. Set the signal generator to produce a radar waveform, trigger a burst manually and measure the level on the spectrum analyzer. Readjust the amplitude of the signal generator as required so that the peak level of the waveform is at a displayed level equal to the required or desired interference detection threshold. Separate signal generator amplitude settings are determined as required for each radar type.



## Conducted Calibration Test Setup



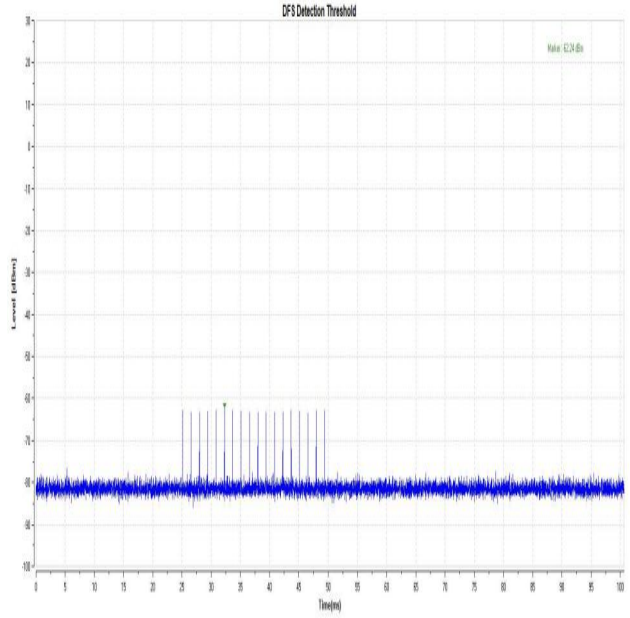

## Deviation from Test Standard

No Deviation

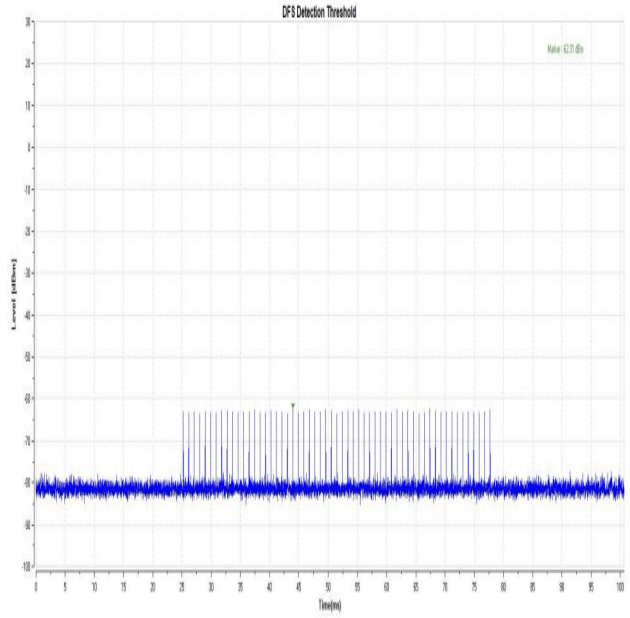
## Radar Waveform Calibration Result

| TestMode | Frequency[dbm] | Radar Type | Result | Limit[dbm] | Verdict |
|---|---|---|---|---|---|
| 11A | 5260 | Type0 | -62.24 | -62.00 | PASS |
| 11A | 5260 | Type1 | -62.31 | -62.00 | PASS |
| 11A | 5260 | Type2 | -62.38 | -62.00 | PASS |
| 11A | 5260 | Type3 | -62.14 | -62.00 | PASS |
| 11A | 5260 | Type4 | -62.19 | -62.00 | PASS |
| 11A | 5260 | Type5 | -62.49 | -62.00 | PASS |
| 11A | 5260 | Type6 | -62.45 | -62.00 | PASS |
| 11A | 5500 | Type0 | -62.16 | -62.00 | PASS |
| 11A | 5500 | Type1 | -62.18 | -62.00 | PASS |
| 11A | 5500 | Type2 | -62.01 | -62.00 | PASS |
| 11A | 5500 | Type3 | -62.05 | -62.00 | PASS |
| 11A | 5500 | Type4 | -62.29 | -62.00 | PASS |
| 11A | 5500 | Type5 | -62.28 | -62.00 | PASS |
| 11A | 5500 | Type6 | -62.07 | -62.00 | PASS |
| 11N40SISO | 5270 | Type0 | -62.43 | -62.00 | PASS |
| 11N40SISO | 5270 | Type1 | -62.33 | -62.00 | PASS |
| 11N40SISO | 5270 | Type2 | -62.18 | -62.00 | PASS |
| 11N40SISO | 5270 | Type3 | -62.38 | -62.00 | PASS |
| 11N40SISO | 5270 | Type4 | -62.36 | -62.00 | PASS |
| 11N40SISO | 5270 | Type5 | -62.45 | -62.00 | PASS |
| 11N40SISO | 5270 | Type6 | -62.45 | -62.00 | PASS |
| 11N40SISO | 5510 | Type0 | -62.21 | -62.00 | PASS |

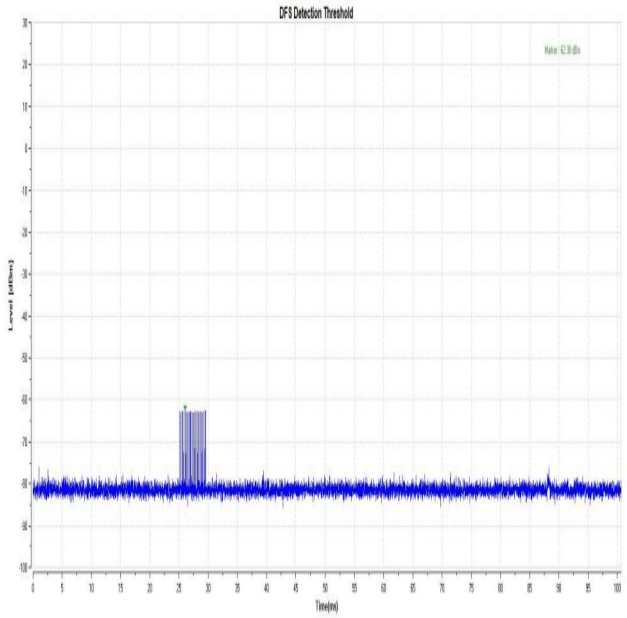
| | | | | | |
|---|---|---|---|---|---|
| 11N40SISO | 5510 | Type1 | -62.10 | -62.00 | PASS |
| 11N40SISO | 5510 | Type2 | -62.15 | -62.00 | PASS |
| 11N40SISO | 5510 | Type3 | -62.27 | -62.00 | PASS |
| 11N40SISO | 5510 | Type4 | -62.36 | -62.00 | PASS |
| 11N40SISO | 5510 | Type5 | -62.49 | -62.00 | PASS |
| 11N40SISO | 5510 | Type6 | -62.18 | -62.00 | PASS |
| 11AC160SISO | 5250 | Type0 | -62.01 | -62.00 | PASS |
| 11AC160SISO | 5250 | Type1 | -62.08 | -62.00 | PASS |
| 11AC160SISO | 5250 | Type2 | -62.14 | -62.00 | PASS |
| 11AC160SISO | 5250 | Type3 | -62.25 | -62.00 | PASS |
| 11AC160SISO | 5250 | Type4 | -62.37 | -62.00 | PASS |
| 11AC160SISO | 5250 | Type5 | -62.13 | -62.00 | PASS |
| 11AC160SISO | 5250 | Type6 | -62.42 | -62.00 | PASS |
| 11AC160SISO | 5570 | Type0 | -62.30 | -62.00 | PASS |
| 11AC160SISO | 5570 | Type1 | -62.06 | -62.00 | PASS |
| 11AC160SISO | 5570 | Type2 | -62.24 | -62.00 | PASS |
| 11AC160SISO | 5570 | Type3 | -62.02 | -62.00 | PASS |
| 11AC160SISO | 5570 | Type4 | -62.15 | -62.00 | PASS |
| 11AC160SISO | 5570 | Type5 | -62.34 | -62.00 | PASS |
| 11AC160SISO | 5570 | Type6 | -62.44 | -62.00 | PASS |



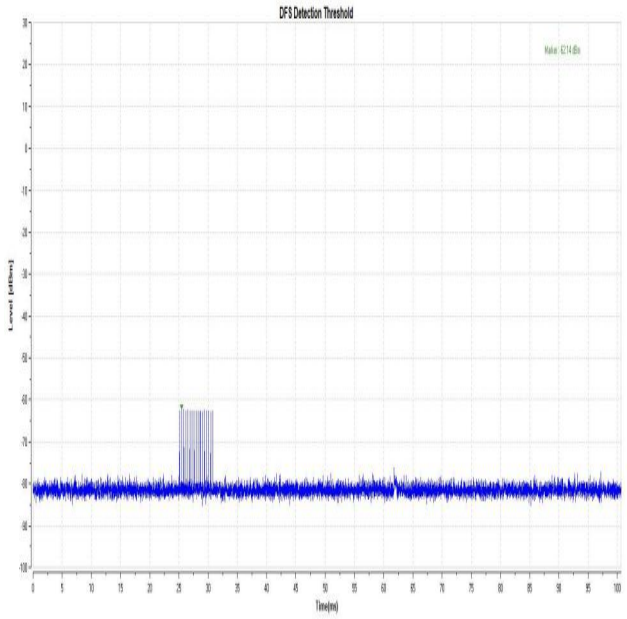

11A-5260-Type0-PASS



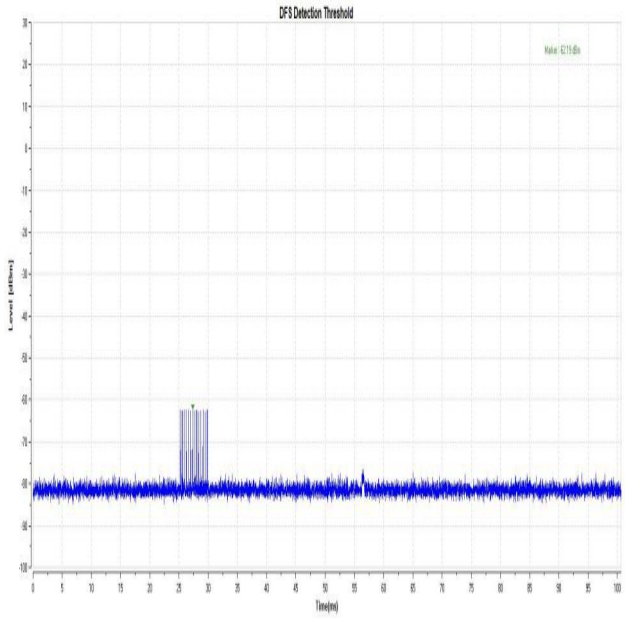

11A-5260-Type1-PASS



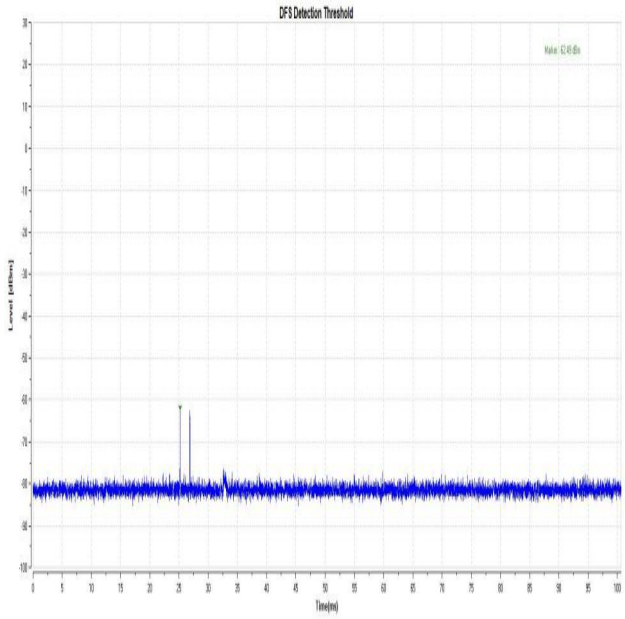

11A-5260-Type2-PASS



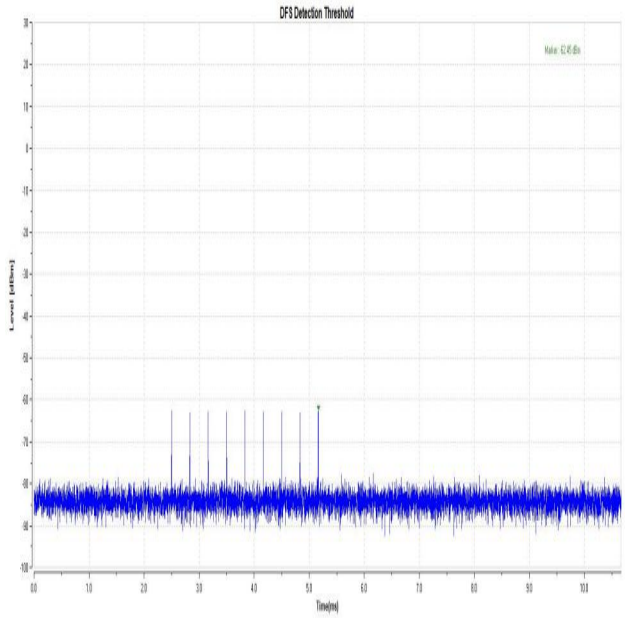

11A-5260-Type3-PASS



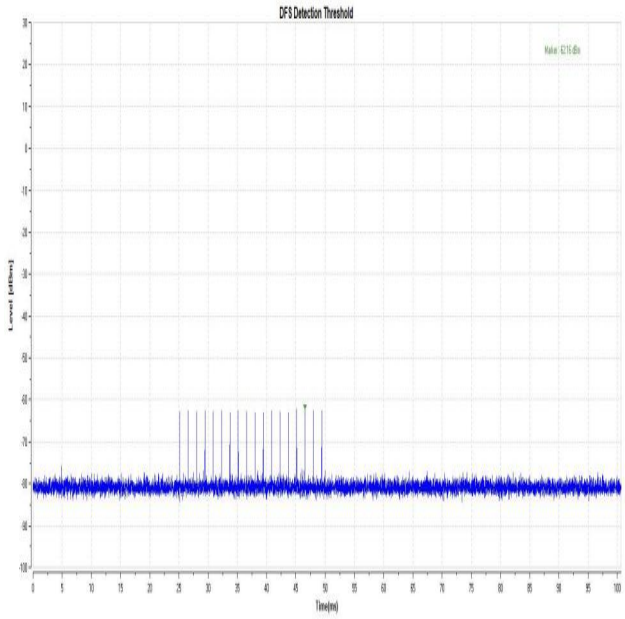

11A-5260-Type4-PASS



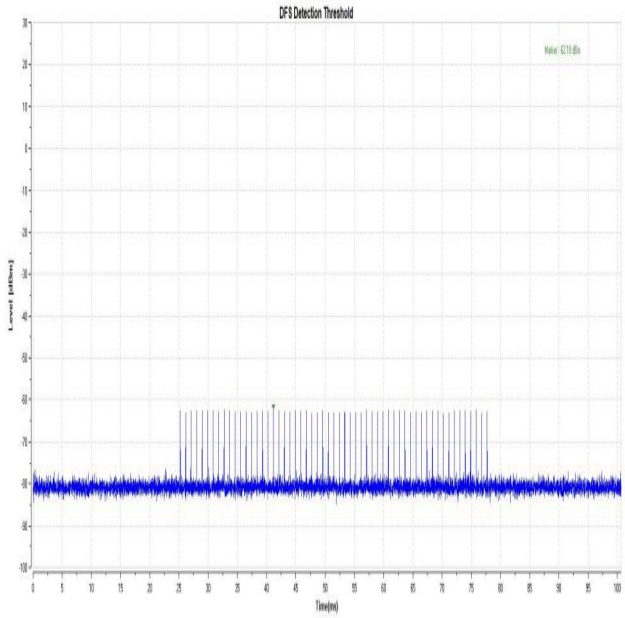

11A-5260-Type5-PASS



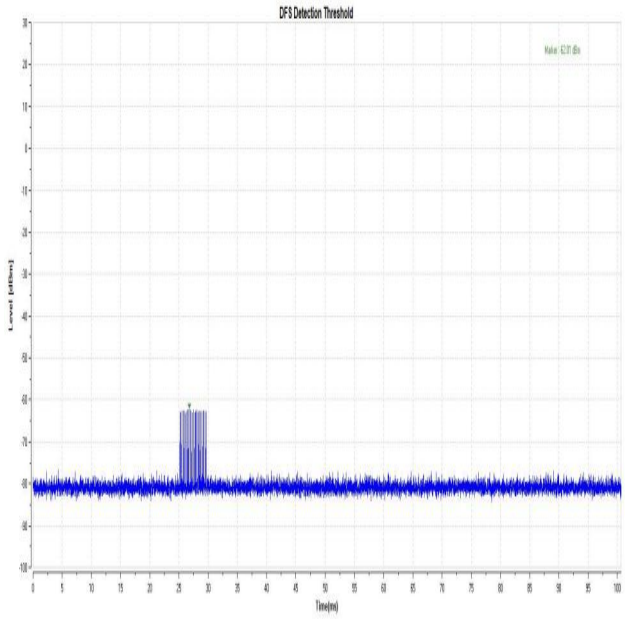

11A-5260-Type6-PASS



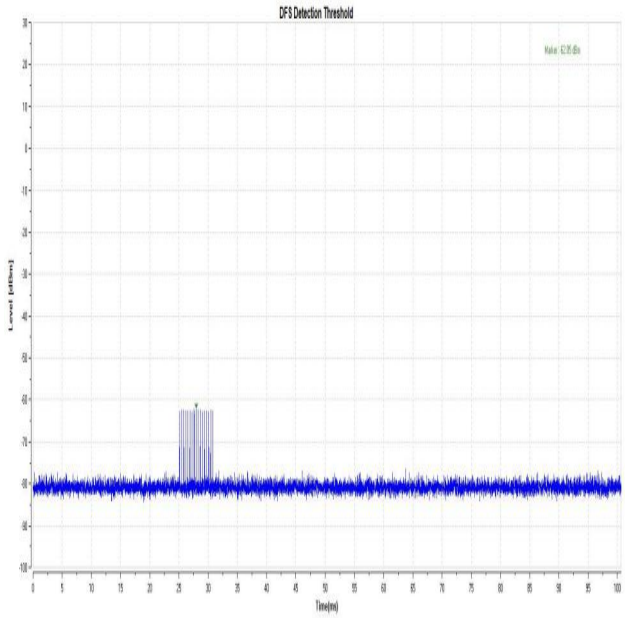

11A-5500-Type0-PASS



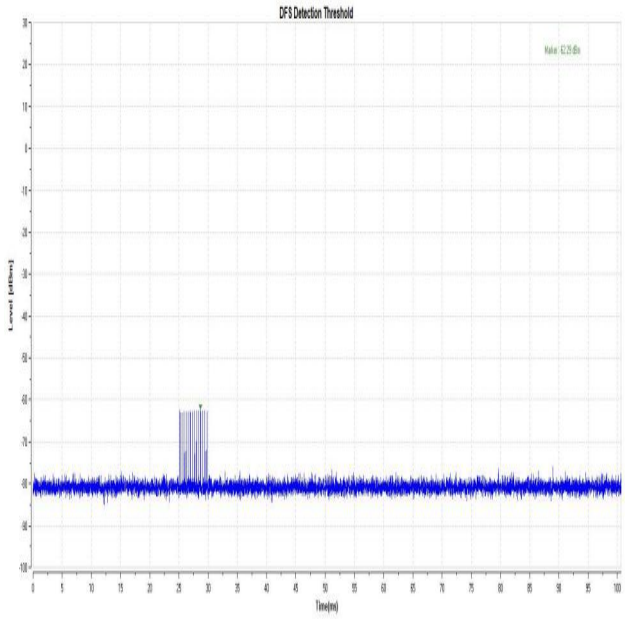

11A-5500-Type1-PASS



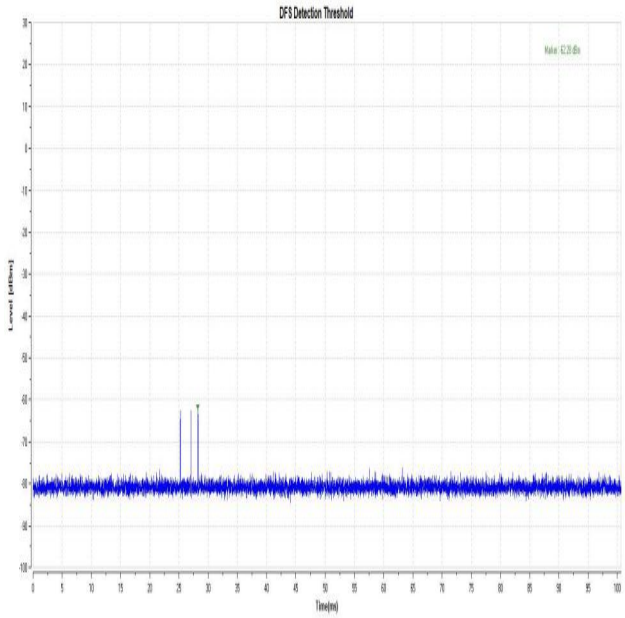

11A-5500-Type2-PASS



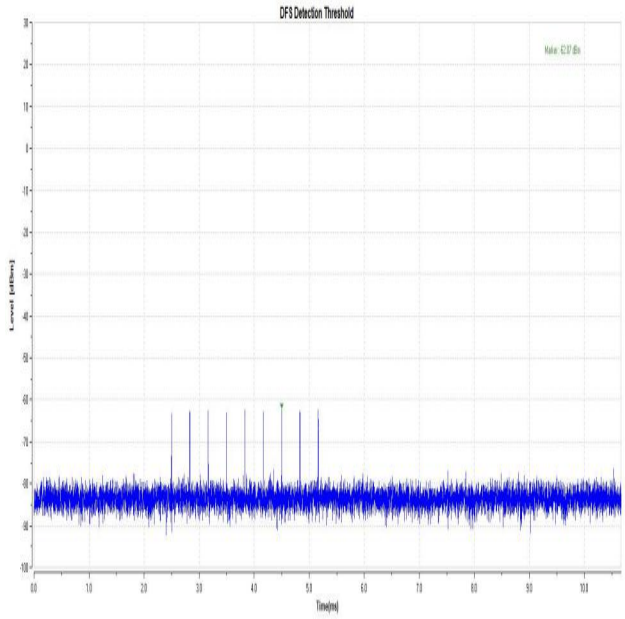

11A-5500-Type3-PASS



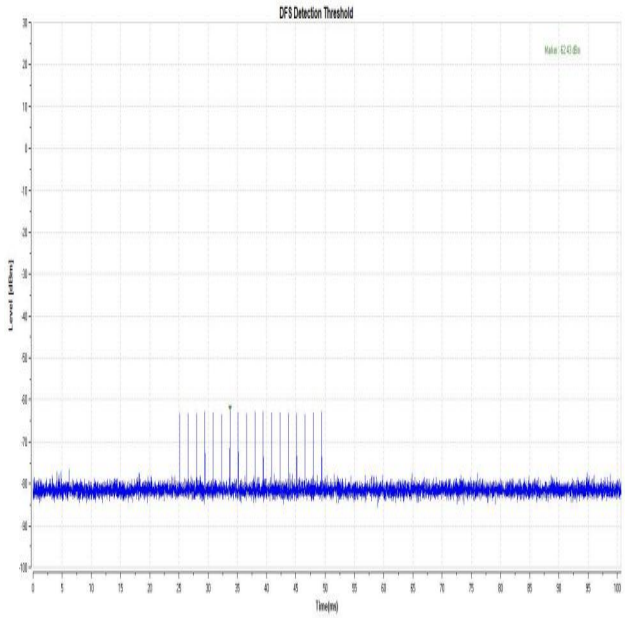

11A-5500-Type4-PASS



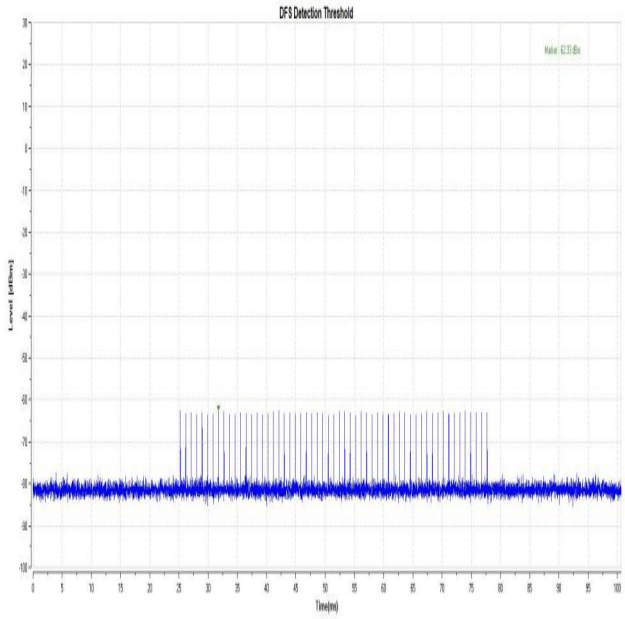

11A-5500-Type5-PASS



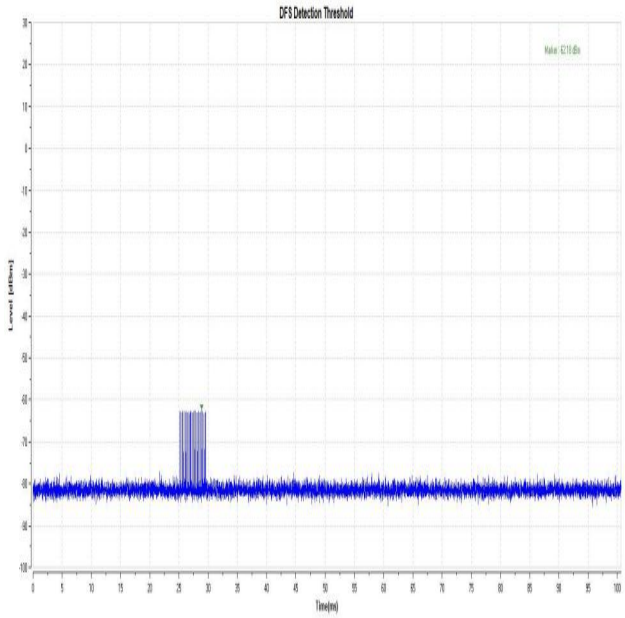

11A-5500-Type6-PASS



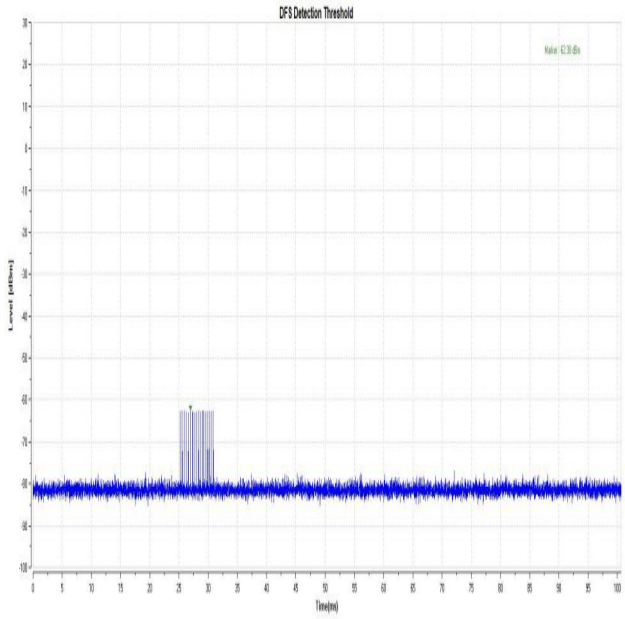

11N40SISO-5270-Type0-PASS



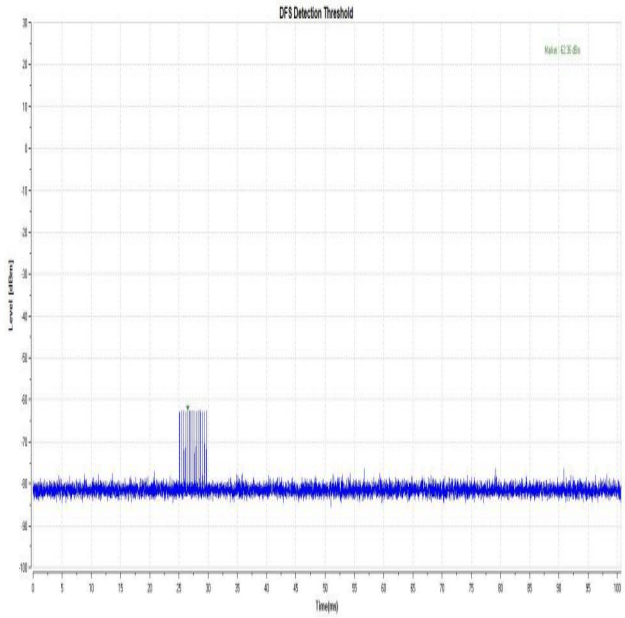

11N40SISO-5270-Type1-PASS



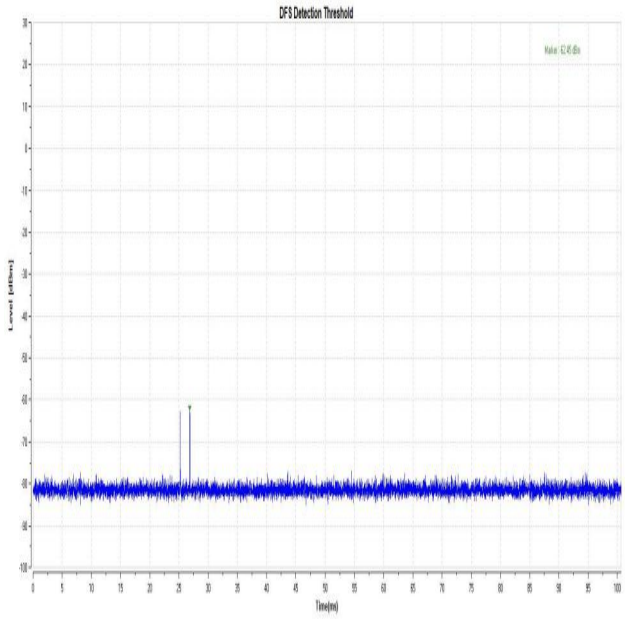

11N40SISO-5270-Type2-PASS



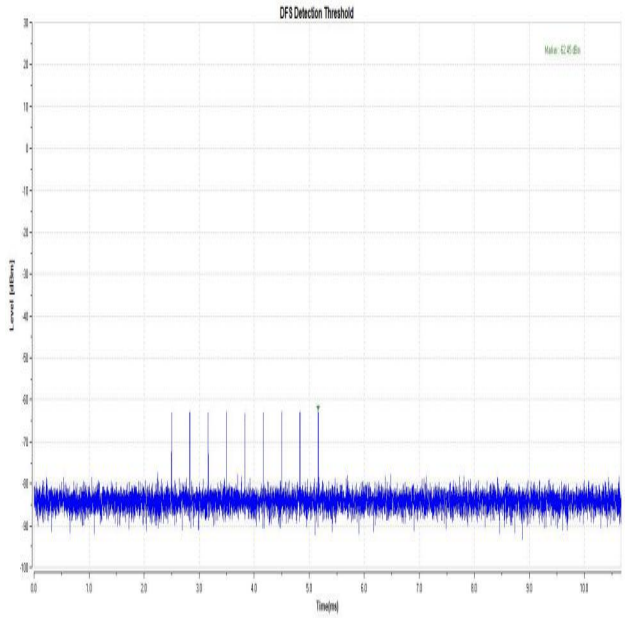

11N40SISO-5270-Type3-PASS



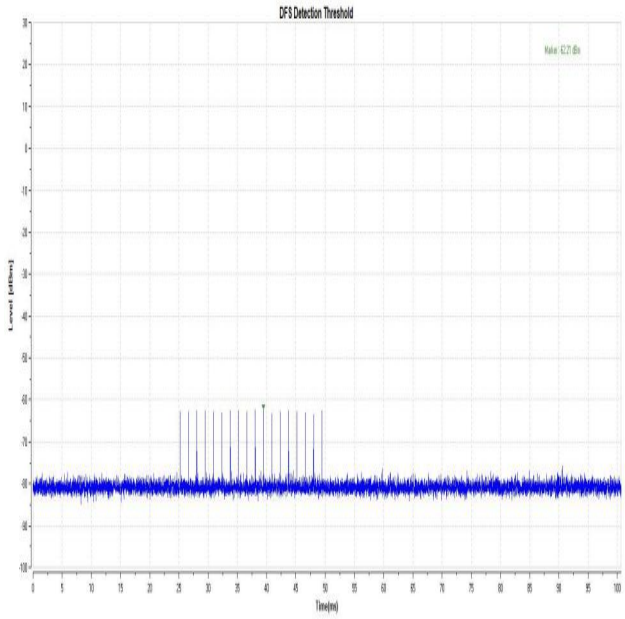

11N40SISO-5270-Type4-PASS



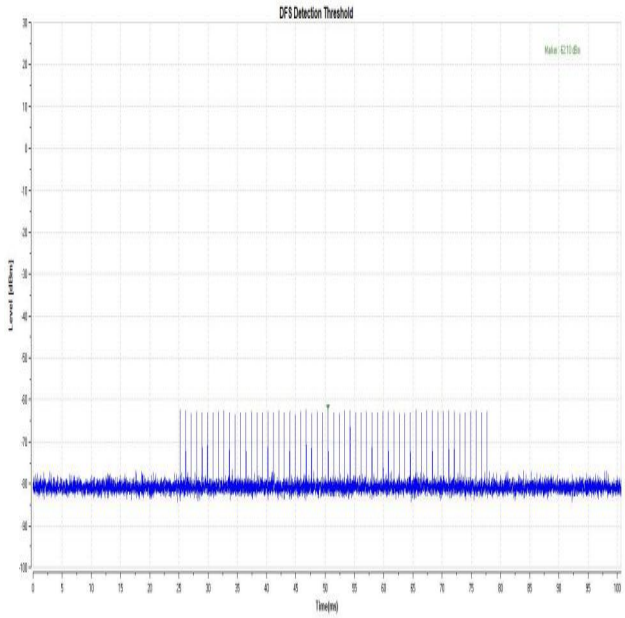

11N40SISO-5270-Type5-PASS



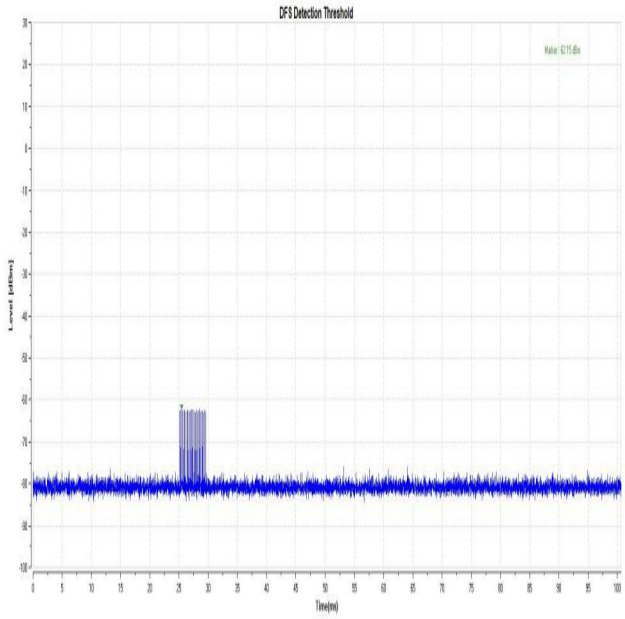

11N40SISO-5270-Type6-PASS



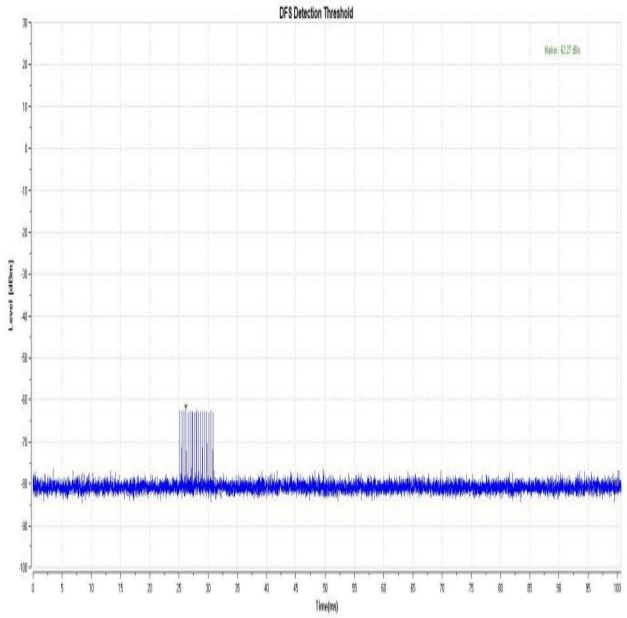

11N40SISO-5510-Type0-PASS



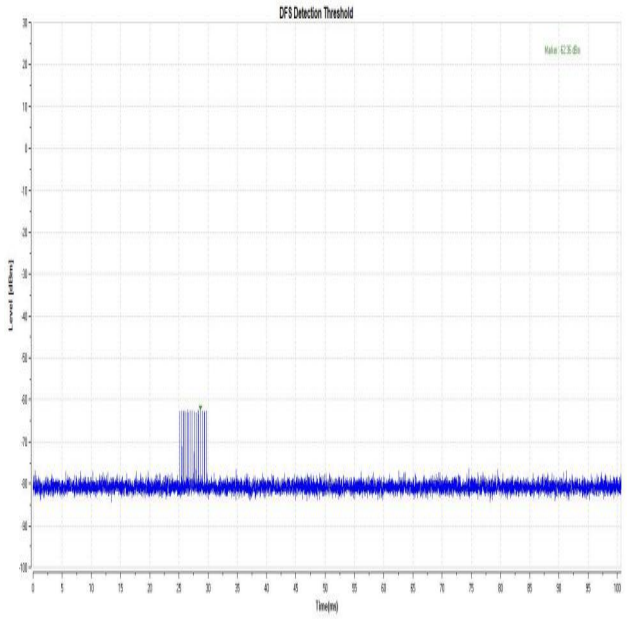

11N40SISO-5510-Type1-PASS



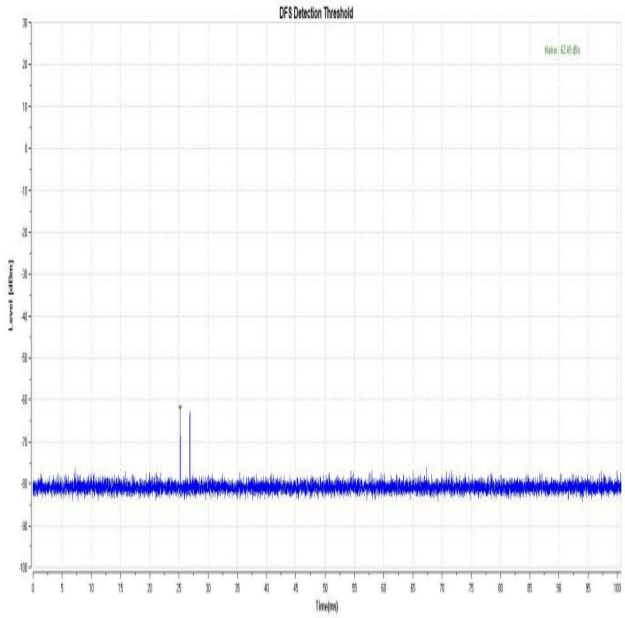

11N40SISO-5510-Type2-PASS



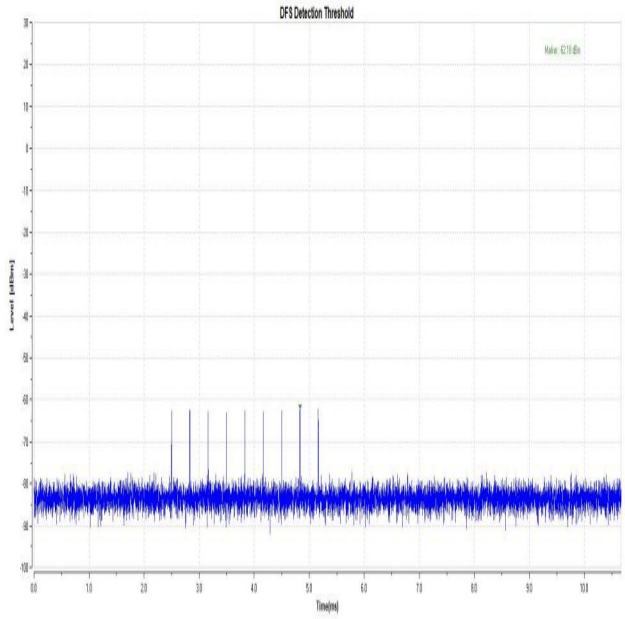

11N40SISO-5510-Type3-PASS



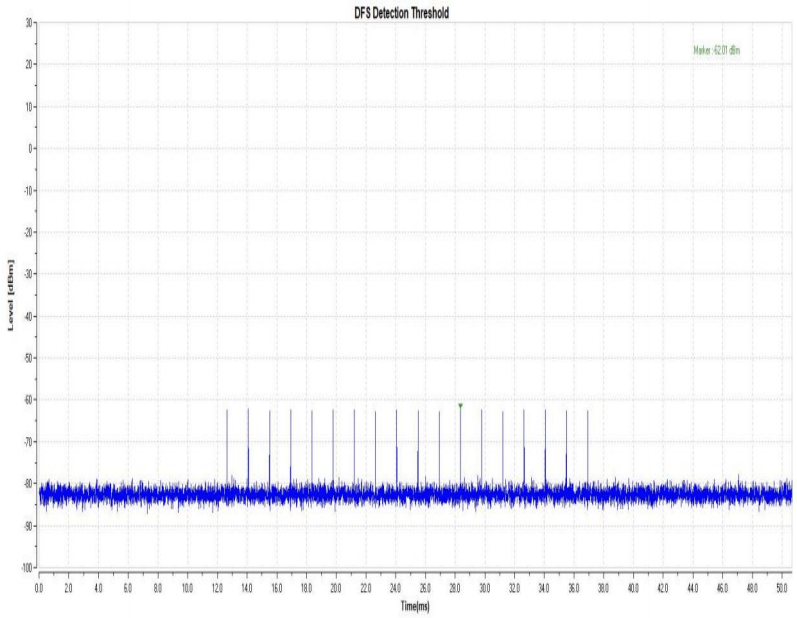

11N40SISO-5510-Type4-PASS



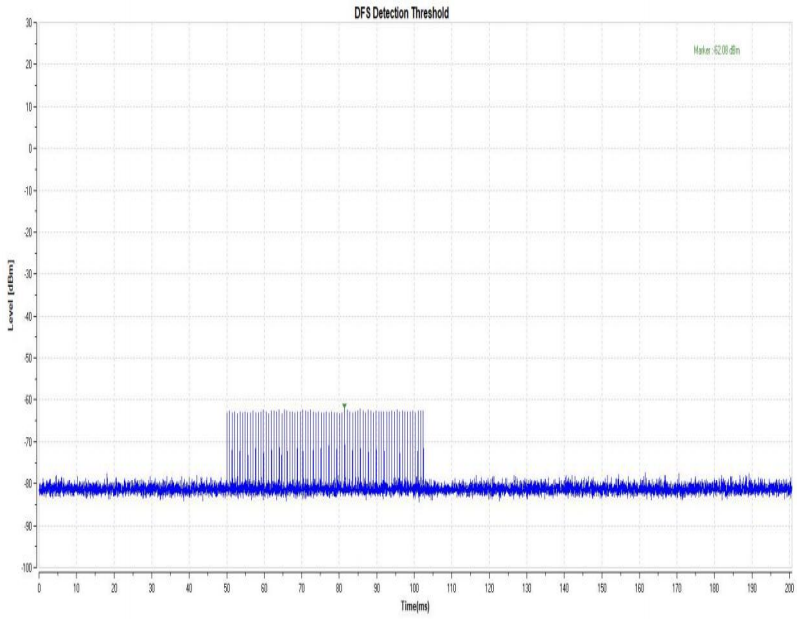

11N40SISO-5510-Type5-PASS



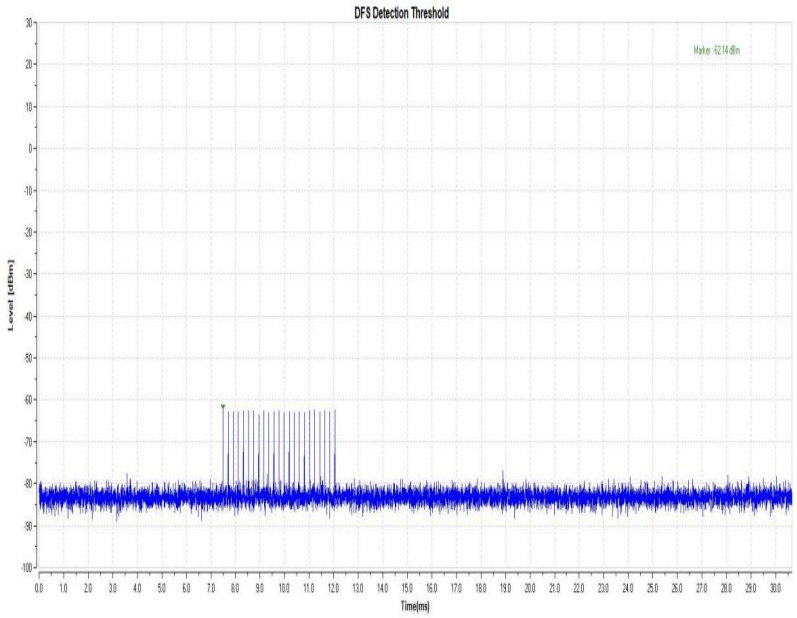

11N40SISO-5510-Type6-PASS



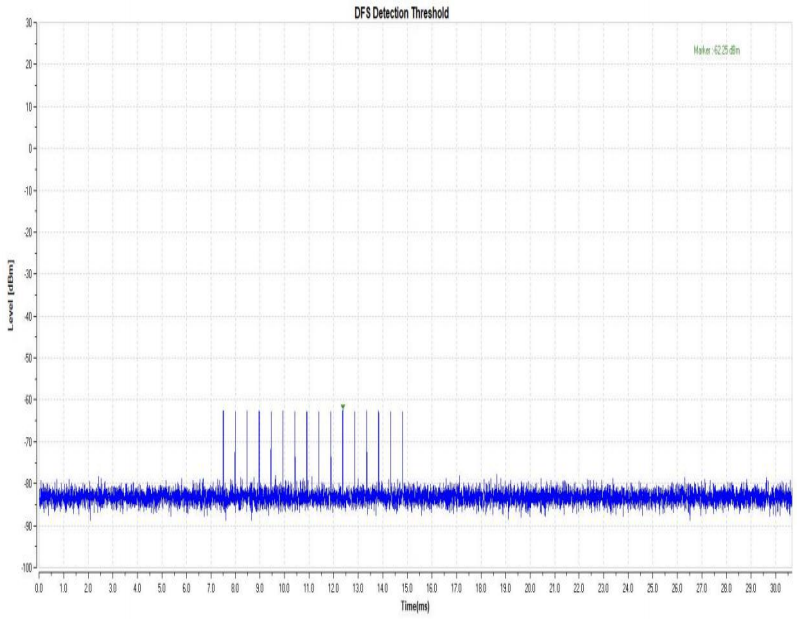

11AC160SISO-5250-Type0-PASS



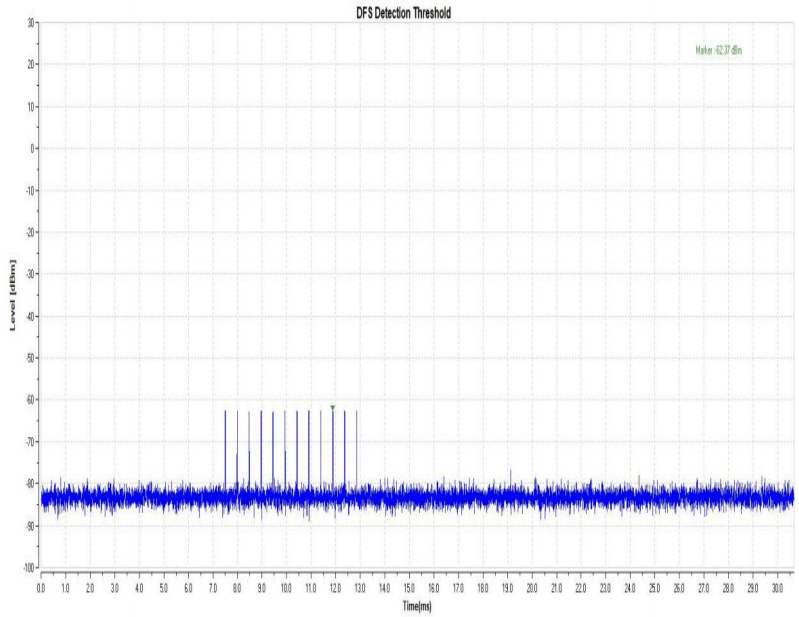

11AC160SISO-5250-Type1-PASS



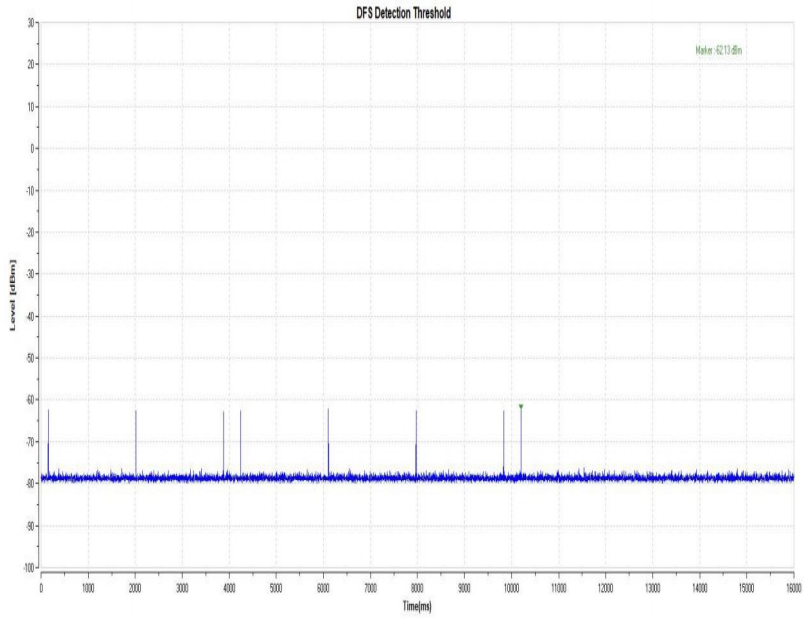

11AC160SISO-5250-Type2-PASS



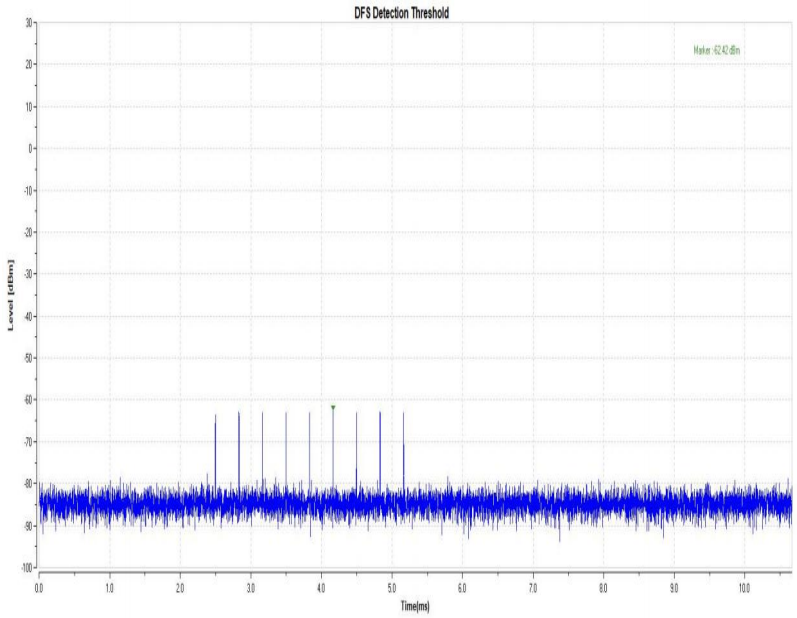

11AC160SISO-5250-Type3-PASS



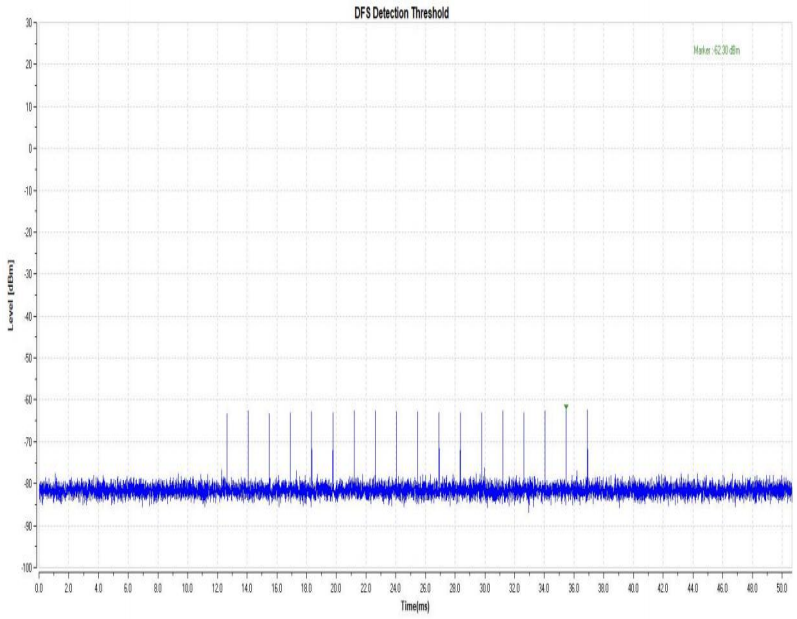

11AC160SISO-5250-Type4-PASS



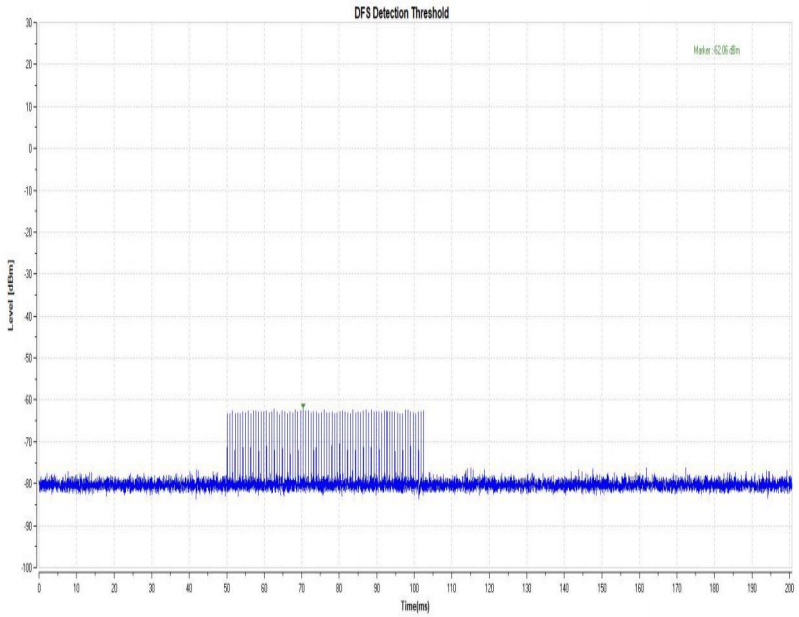

11AC160SISO-5250-Type5-PASS



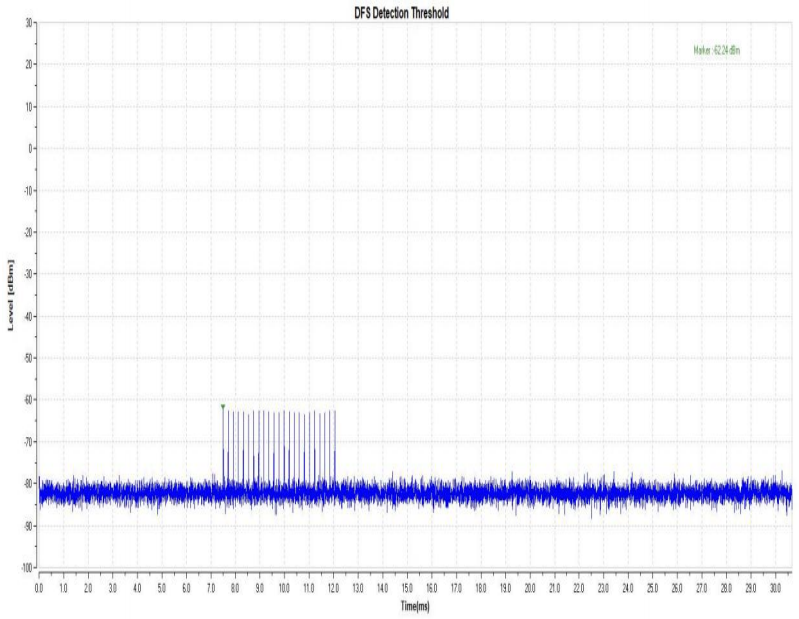

11AC160SISO-5250-Type6-PASS



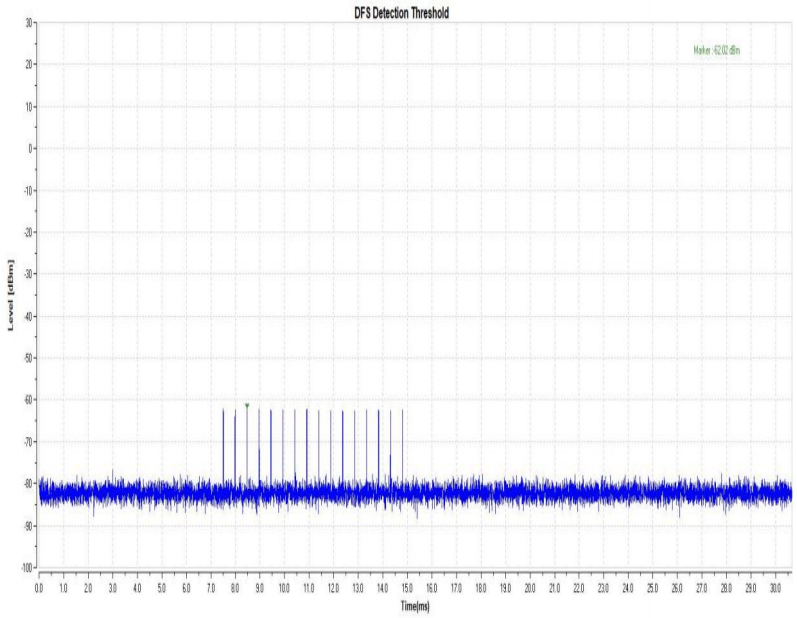

11AC160SISO-5570-Type0-PASS



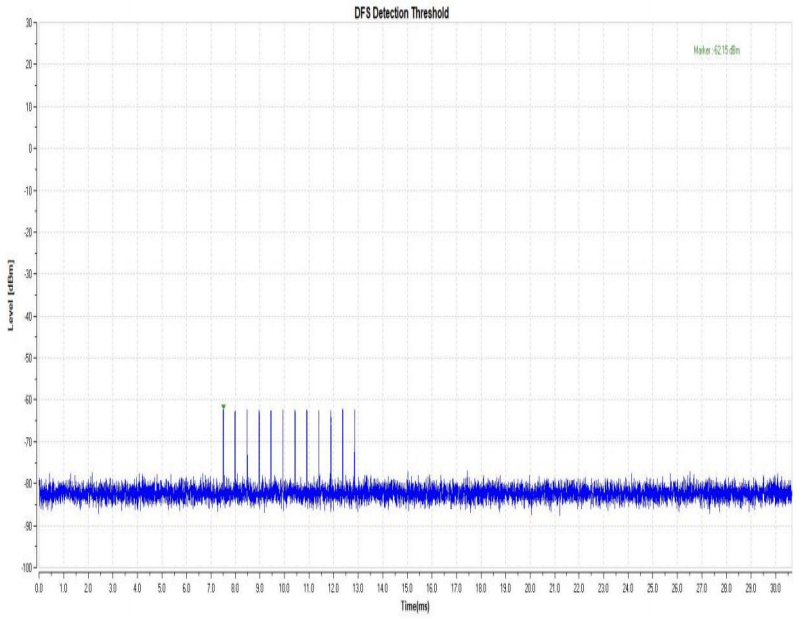

11AC160SISO-5570-Type1-PASS



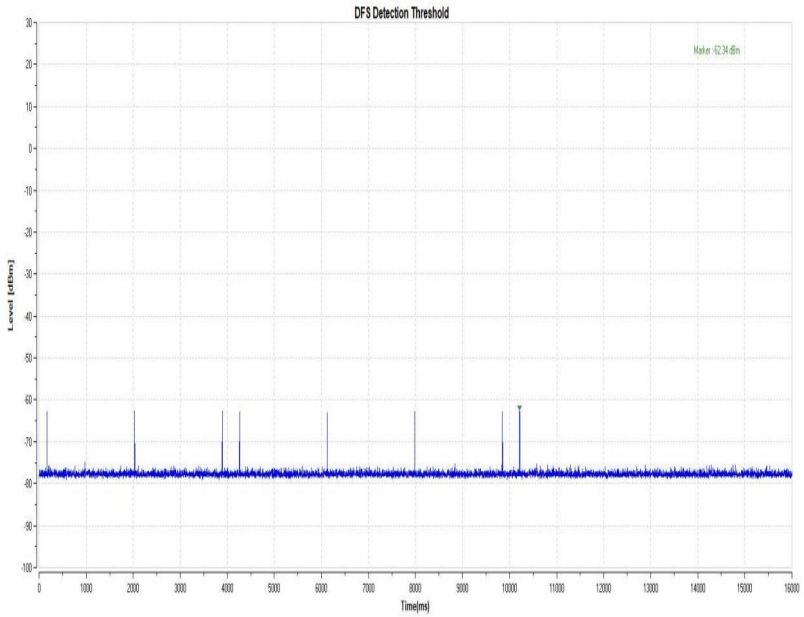

11AC160SISO-5570-Type2-PASS



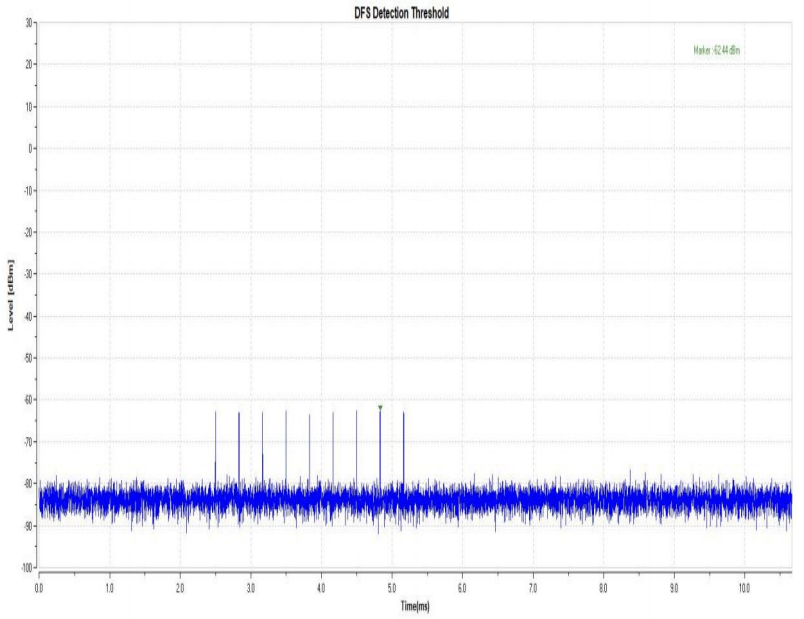

11AC160SISO-5570-Type3-PASS




11AC160SISO-5570-Type4-PASS




11AC160SISO-5570-Type5-PASS




11AC160SISO-5570-Type6-PASS

| Radar Signal 1 | | | | | |
|---|---|---|---|---|---|
| Trial ID | Radar Type | Pulse Width (us) | PRI (us) | Number of Pulses | Waveform Length (us) |
| 0 | Type 1 | 1 | 935 | 57 | 53295 |
| 1 | Type 1 | 1 | 695 | 75 | 52125 |
| 2 | Type 1 | 1 | 617 | 86 | 53062 |
| 3 | Type 1 | 1 | 534 | 97 | 51798 |
| 4 | Type 1 | 1 | 876 | 60 | 52560 |
| 5 | Type 1 | 1 | 3064 | 16 | 49024 |
| 6 | Type 1 | 1 | 632 | 81 | 51192 |
| 7 | Type 1 | 1 | 911 | 57 | 51927 |
| 8 | Type 1 | 1 | 832 | 62 | 51584 |
| 9 | Type 1 | 1 | 854 | 61 | 52094 |
| 10 | Type 1 | 1 | 797 | 66 | 52602 |
| 11 | Type 1 | 1 | 716 | 72 | 51552 |
| 12 | Type 1 | 1 | 576 | 92 | 52992 |
| 13 | Type 1 | 1 | 597 | 87 | 51939 |
| 14 | Type 1 | 1 | 558 | 95 | 53010 |
| 15 | Type 1 | 1 | 2535 | 20 | 50700 |
| 16 | Type 1 | 1 | 966 | 54 | 52164 |
| 17 | Type 1 | 1 | 826 | 63 | 52038 |
| 18 | Type 1 | 1 | 2499 | 22 | 54978 |
| 19 | Type 1 | 1 | 2593 | 20 | 51860 |
| 20 | Type 1 | 1 | 1113 | 46 | 51198 |
| 21 | Type 1 | 1 | 1300 | 40 | 52000 |
| 22 | Type 1 | 1 | 3043 | 18 | 54774 |
| 23 | Type 1 | 1 | 1624 | 32 | 51968 |
| 24 | Type 1 | 1 | 2876 | 17 | 48892 |
| 25 | Type 1 | 1 | 1026 | 52 | 53352 |
| 26 | Type 1 | 1 | 2483 | 22 | 54626 |
| 27 | Type 1 | 1 | 1599 | 31 | 49569 |
| 28 | Type 1 | 1 | 1172 | 44 | 51568 |
| 29 | Type 1 | 1 | 1176 | 45 | 52920 |

| Radar Signal 2 | | | | | |
|---|---|---|---|---|---|
| Trial ID | Radar Type | Pulse Width (us) | PRI (us) | Number of Pulses | Waveform Length (us) |
| 0 | Type 2 | 3.2 | 178 | 26 | 4628 |
| 1 | Type 2 | 1.1 | 206 | 22 | 4532 |
| 2 | Type 2 | 2.1 | 228 | 23 | 5244 |
| 3 | Type 2 | 4.8 | 198 | 27 | 5346 |
| 4 | Type 2 | 3.9 | 214 | 28 | 5992 |
| 5 | Type 2 | 2.9 | 221 | 25 | 5525 |
| 6 | Type 2 | 3.2 | 203 | 24 | 4872 |
| 7 | Type 2 | 2.5 | 191 | 24 | 4584 |
| 8 | Type 2 | 3.1 | 163 | 25 | 4075 |
| 9 | Type 2 | 1.2 | 155 | 22 | 3410 |
| 10 | Type 2 | 3.9 | 210 | 25 | 5250 |
| 11 | Type 2 | 4.6 | 200 | 28 | 5600 |
| 12 | Type 2 | 3.2 | 162 | 25 | 4050 |
| 13 | Type 2 | 2.2 | 196 | 23 | 4508 |
| 14 | Type 2 | 4.5 | 161 | 28 | 4508 |
| 15 | Type 2 | 3 | 203 | 25 | 5075 |
| 16 | Type 2 | 5 | 168 | 29 | 4872 |
| 17 | Type 2 | 2.4 | 216 | 24 | 5184 |
| 18 | Type 2 | 2.9 | 190 | 25 | 4750 |
| 19 | Type 2 | 2.3 | 165 | 24 | 3960 |
| 20 | Type 2 | 3.7 | 150 | 26 | 3900 |
| 21 | Type 2 | 2.2 | 175 | 24 | 4200 |
| 22 | Type 2 | 4.9 | 194 | 27 | 5238 |
| 23 | Type 2 | 2.9 | 202 | 25 | 5050 |
| 24 | Type 2 | 2.5 | 176 | 23 | 4048 |
| 25 | Type 2 | 1.1 | 204 | 21 | 4284 |
| 26 | Type 2 | 3.8 | 153 | 27 | 4131 |
| 27 | Type 2 | 4.7 | 156 | 27 | 4212 |
| 28 | Type 2 | 2.4 | 223 | 24 | 5352 |
| 29 | Type 2 | 4.2 | 158 | 27 | 4266 |

| Radar Signal 3 | | | | | |
|---|---|---|---|---|---|
| Trial ID | Radar Type | Pulse Width (us) | PRI (us) | Number of Pulses | Waveform Length (us) |
| 0 | Type 3 | 8.2 | 354 | 15 | 5310 |
| 1 | Type 3 | 6.1 | 485 | 16 | 7760 |
| 2 | Type 3 | 7.1 | 343 | 15 | 5145 |
| 3 | Type 3 | 9.8 | 287 | 18 | 5166 |
| 4 | Type 3 | 8.9 | 228 | 17 | 3876 |
| 5 | Type 3 | 7.9 | 432 | 15 | 6480 |
| 6 | Type 3 | 8.2 | 207 | 15 | 3105 |
| 7 | Type 3 | 7.5 | 441 | 15 | 6615 |
| 8 | Type 3 | 8.1 | 438 | 17 | 7446 |
| 9 | Type 3 | 6.2 | 221 | 16 | 3536 |
| 10 | Type 3 | 8.9 | 207 | 16 | 3312 |
| 11 | Type 3 | 9.6 | 461 | 18 | 8298 |
| 12 | Type 3 | 8.2 | 440 | 16 | 7040 |
| 13 | Type 3 | 7.2 | 322 | 14 | 4508 |
| 14 | Type 3 | 9.5 | 296 | 18 | 5328 |
| 15 | Type 3 | 8 | 411 | 16 | 6576 |
| 16 | Type 3 | 10 | 322 | 17 | 5474 |
| 17 | Type 3 | 7.4 | 271 | 17 | 4607 |
| 18 | Type 3 | 7.9 | 347 | 16 | 5552 |
| 19 | Type 3 | 7.3 | 407 | 16 | 6512 |
| 20 | Type 3 | 8.7 | 371 | 16 | 5936 |
| 21 | Type 3 | 7.2 | 254 | 16 | 4064 |
| 22 | Type 3 | 9.9 | 273 | 16 | 4368 |
| 23 | Type 3 | 7.9 | 276 | 17 | 4692 |
| 24 | Type 3 | 7.5 | 316 | 16 | 5056 |
| 25 | Type 3 | 6.1 | 258 | 15 | 3870 |
| 26 | Type 3 | 8.8 | 211 | 16 | 3376 |
| 27 | Type 3 | 9.7 | 270 | 17 | 4590 |
| 28 | Type 3 | 7.4 | 262 | 15 | 3930 |
| 29 | Type 3 | 9.2 | 284 | 18 | 5112 |

| Radar Signal 4 | | | | | |
|---|---|---|---|---|---|
| Trial ID | Radar Type | Pulse Width (us) | PRI (us) | Number of Pulses | Waveform Length (us) |
| 0 | Type 4 | 16 | 354 | 13 | 4602 |
| 1 | Type 4 | 11.3 | 487 | 12 | 5844 |
| 2 | Type 4 | 13.5 | 344 | 12 | 4128 |
| 3 | Type 4 | 19.4 | 288 | 16 | 4608 |
| 4 | Type 4 | 17.5 | 229 | 14 | 3206 |
| 5 | Type 4 | 15.3 | 431 | 13 | 5603 |
| 6 | Type 4 | 15.9 | 206 | 13 | 2678 |
| 7 | Type 4 | 14.3 | 443 | 13 | 5759 |
| 8 | Type 4 | 15.8 | 439 | 13 | 5707 |
| 9 | Type 4 | 11.5 | 222 | 10 | 2220 |
| 10 | Type 4 | 17.4 | 206 | 13 | 2678 |
| 11 | Type 4 | 19 | 462 | 14 | 6468 |
| 12 | Type 4 | 16 | 439 | 12 | 5268 |
| 13 | Type 4 | 13.8 | 323 | 12 | 3876 |
| 14 | Type 4 | 18.9 | 296 | 15 | 4440 |
| 15 | Type 4 | 15.5 | 410 | 13 | 5330 |
| 16 | Type 4 | 19.9 | 324 | 15 | 4860 |
| 17 | Type 4 | 14.1 | 269 | 12 | 3228 |
| 18 | Type 4 | 15.2 | 348 | 12 | 4176 |
| 19 | Type 4 | 13.8 | 408 | 12 | 4896 |
| 20 | Type 4 | 17.1 | 372 | 15 | 5580 |
| 21 | Type 4 | 13.8 | 253 | 13 | 3289 |
| 22 | Type 4 | 19.8 | 273 | 16 | 4368 |
| 23 | Type 4 | 15.3 | 277 | 12 | 3324 |
| 24 | Type 4 | 14.5 | 316 | 12 | 3792 |
| 25 | Type 4 | 11.3 | 259 | 11 | 2849 |
| 26 | Type 4 | 17.3 | 210 | 13 | 2730 |
| 27 | Type 4 | 19.2 | 271 | 15 | 4065 |
| 28 | Type 4 | 14.2 | 262 | 11 | 2882 |
| 29 | Type 4 | 18.2 | 282 | 14 | 3948 |

| Radar Signal 5 | | | | |
|---|---|---|---|---|
| Trial ID | Radar Type | Number of Bursts | Burst Period (s) | Waveform Length (s) |
| 0 | Type 5 | 15 | 0.8 | 12 |
| 1 | Type 5 | 8 | 1.5 | 12 |
| 2 | Type 5 | 11 | 1.0909092 | 12 |
| 3 | Type 5 | 20 | 0.6 | 12 |
| 4 | Type 5 | 17 | 0.7058821 | 12 |
| 5 | Type 5 | 14 | 0.8571428 | 12 |
| 6 | Type 5 | 15 | 0.8 | 12 |
| 7 | Type 5 | 12 | 1 | 12 |
| 8 | Type 5 | 14 | 0.8571438 | 12 |
| 9 | Type 5 | 8 | 1.5 | 12 |
| 10 | Type 5 | 17 | 0.7058848 | 12 |
| 11 | Type 5 | 19 | 0.6315782 | 12 |
| 12 | Type 5 | 15 | 0.8 | 12 |
| 13 | Type 5 | 12 | 1 | 12 |
| 14 | Type 5 | 19 | 0.6315779 | 12 |
| 15 | Type 5 | 14 | 0.8571468 | 12 |
| 16 | Type 5 | 20 | 0.6 | 12 |
| 17 | Type 5 | 12 | 1 | 12 |
| 18 | Type 5 | 14 | 0.8571438 | 12 |
| 19 | Type 5 | 12 | 1 | 12 |
| 20 | Type 5 | 16 | 0.75 | 12 |
| 21 | Type 5 | 12 | 1 | 12 |
| 22 | Type 5 | 20 | 0.6 | 12 |
| 23 | Type 5 | 14 | 0.8571448 | 12 |
| 24 | Type 5 | 13 | 0.9230769 | 12 |
| 25 | Type 5 | 8 | 1.5 | 12 |
| 26 | Type 5 | 17 | 0.7058867 | 12 |
| 27 | Type 5 | 19 | 0.6315772 | 12 |
| 28 | Type 5 | 12 | 1 | 12 |
| 29 | Type 5 | 18 | 0.6666667 | 12 |

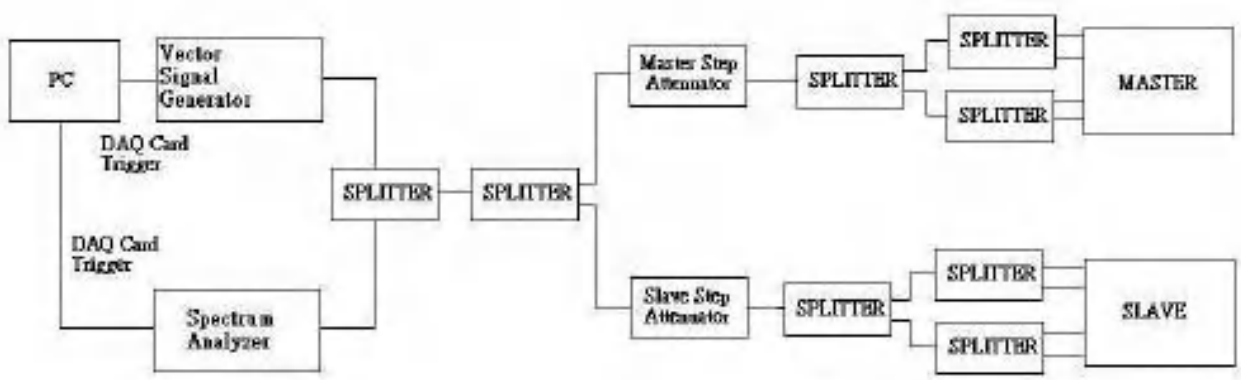
| Radar Signal 6 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Trial ID | Radar Type | Pulse Width (us) | PRI (us) | Pulses per Hop | Hopping Rate (kHz) | Hopping Sequence Length (ms) | Visible Frequency Number |
| 0 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 32 |
| 1 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 27 |
| 2 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 25 |
| 3 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 33 |
| 4 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 37 |
| 5 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 30 |
| 6 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 33 |
| 7 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 27 |
| 8 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 33 |
| 9 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 30 |
| 10 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 37 |
| 11 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 36 |
| 12 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 38 |
| 13 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 35 |
| 14 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 28 |
| 15 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 37 |
| 16 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 35 |
| 17 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 37 |
| 18 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 27 |
| 19 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 34 |
| 20 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 35 |
| 21 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 37 |
| 22 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 41 |
| 23 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 36 |
| 24 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 29 |
| 25 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 32 |
| 26 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 30 |
| 27 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 31 |
| 28 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 31 |
| 29 | Type 6 | 1 | 333.3 | 9 | 0.3333 | 300 | 40 |

# 6. U-NII DFS Testing

## Test Procedure

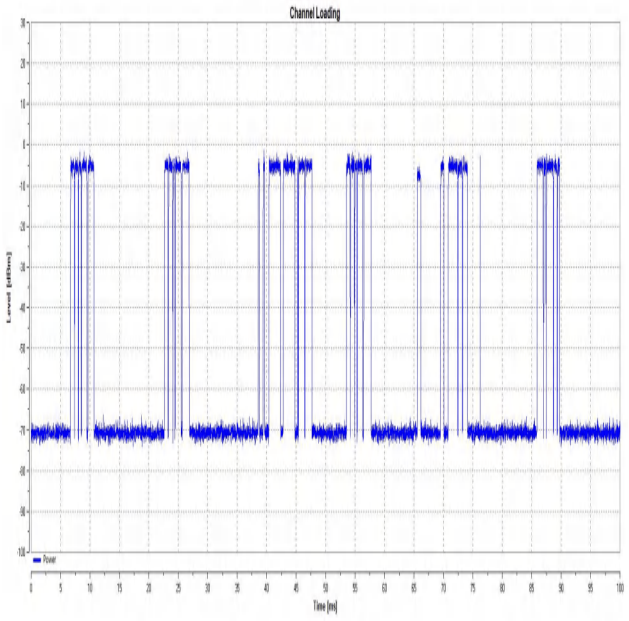
1. Master device and client device are set up by conduction method as the following configuration.
2. The client device is connected to notebook and to access a IP address on wireless connection with the master device.
3. Then the master device is connected to another notebook to access a IP address.
4. Finally, let the two IP addresses run traffic with each other through the Run flow software “Lan test” to reach 17% channel loading as below:

## Test Setup




## Channel Loading

| Test Mode | Frequency[MHz] | Result | Limit [%] | Verdict |
|---|---|---|---|---|
| 11AC160 | 5250 | 26.07 | 17 | PASS |




11AC160-5250

# 7. Testing Results

## Conducted Output Power&E.I.R.P and PSD

| Mode: TX (802.11ac(VHT20)) | | | | | | |
|---|---|---|---|---|---|---|
| Frequency Band (MHz) | Ant. | Max Conducted Power (dBm) | Gain (dBi) | Max E.I.R.P (dBm) | Max E.I.R.P (mW) | Max.PSD (dBm/MHz) |
| 5260~5320 | 1 | 8.50 | 13.01 | 21.51 | 141.5794 | -2.84 |
| | 2 | 8.87 | 13.01 | 21.88 | 154.1700 | -2.92 |
| Mode: TX (802.11ac(VHT40)) | | | | | | |
| Frequency Band (MHz) | Ant. | Max Conducted Power (dBm) | Gain (dBi) | Max E.I.R.P (dBm) | Max E.I.R.P (mW) | Max.PSD (dBm/MHz) |
| 5260~5320 | 1 | 8.95 | 13.01 | 21.96 | 157.0363 | -2.83 |
| | 2 | 8.67 | 13.01 | 21.68 | 147.2313 | -2.84 |
| Mode: TX (802.11ac(VHT160)) | | | | | | |
| Frequency Band (MHz) | Ant. | Max Conducted Power (dBm) | Gain (dBi) | Max E.I.R.P (dBm) | Max E.I.R.P (mW) | Max.PSD (dBm/MHz) |
| 5260~5320 | 1 | 8.52 | 13.01 | 21.53 | 142.2329 | 4.65 |
| | 2 | 8.11 | 13.01 | 21.12 | 129.4196 | 4.29 |

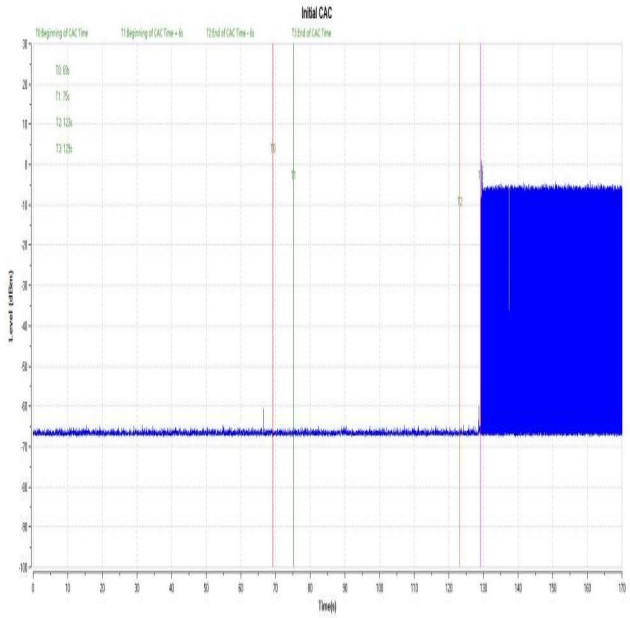
### Channel Availability Check Time

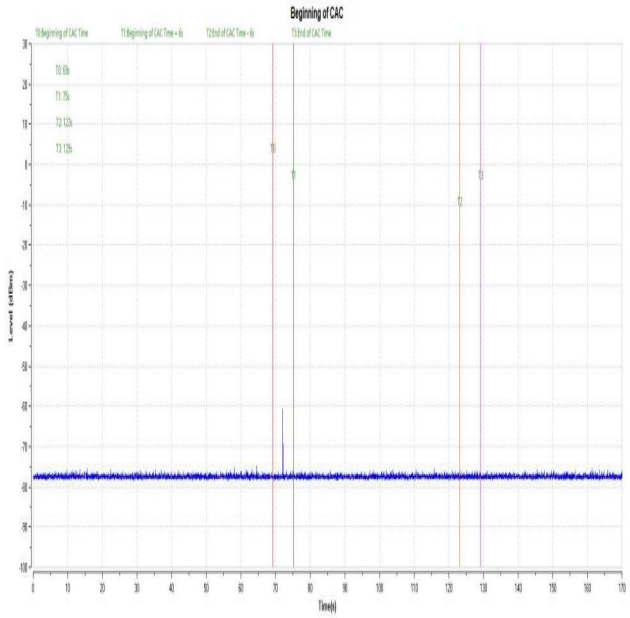
If the UUT successfully detected the radar burst, it should be observed as the UUT has no transmissions occurred until the UUT starts transmitting on another channel.

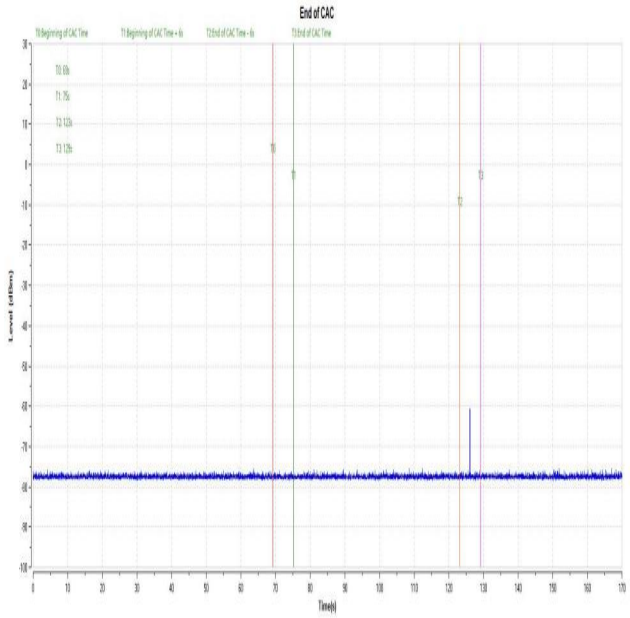
### Test Result

| Test Mode | Frequency[MHz] | Result | Verdict |
|---|---|---|---|
| 11AC160 | 5250 | See test Graph | PASS |

## Test Graphs

| Initial Channel Availability Check Time |
| --- |
| 11AC160_5250 |
|  |

| Beginning of Channel Availability Check Time |
| --- |
| 11AC160_5250 |
|  |

| End of Channel Availability Check Time |
| --- |
| 11AC160_5250 |
|  |

## Statistical Performance check

| TestMode | Frequency[MHz] | Radar Type | Pass Times | Fail Times | Probability (%) | Limit (%) | Verdict |
|---|---|---|---|---|---|---|---|
| 11AC160 | 5250 | Type1 | 27 | 3 | 90.00 | 60 | PASS |
| | | Type2 | 28 | 2 | 93.33 | 60 | PASS |
| | | Type3 | 27 | 3 | 90.00 | 60 | PASS |
| | | Type4 | 26 | 4 | 86.67 | 60 | PASS |
| | | Type 1-4 | --- | --- | --- | 80 | PASS |
| | | Type5 | 27 | 3 | 90.00 | 80 | PASS |
| | | Type6 | 30 | 0 | 100.00 | 70 | PASS |

| Test Mode | Frequency [MHz] | Radar Type | Trial ID | Pulse width(μs) | PRI(μs) | Pulses per Burst | Detection (1: Yes; 0: No) |
|---|---|---|---|---|---|---|---|
| 11AC160 | 5250 | Type1 | 0 | 1 | 937 | 56 | 1 |
| | | Type1 | 1 | 1 | 697 | 74 | 1 |
| | | Type1 | 2 | 1 | 617 | 84 | 1 |
| | | Type1 | 3 | 1 | 537 | 98 | 1 |
| | | Type1 | 4 | 1 | 876 | 61 | 0 |
| | | Type1 | 5 | 1 | 3066 | 18 | 1 |
| | | Type1 | 6 | 1 | 638 | 83 | 1 |
| | | Type1 | 7 | 1 | 918 | 56 | 1 |
| | | Type1 | 8 | 1 | 838 | 63 | 1 |
| | | Type1 | 9 | 1 | 857 | 61 | 1 |
| | | Type1 | 10 | 1 | 796 | 66 | 1 |
| | | Type1 | 11 | 1 | 718 | 73 | 1 |
| | | Type1 | 12 | 1 | 577 | 92 | 1 |
| | | Type1 | 13 | 1 | 597 | 88 | 1 |
| | | Type1 | 14 | 1 | 558 | 93 | 1 |
| | | Type1 | 15 | 1 | 2536 | 20 | 1 |
| | | Type1 | 16 | 1 | 964 | 55 | 1 |
| | | Type1 | 17 | 1 | 827 | 63 | 1 |
| | | Type1 | 18 | 1 | 2499 | 21 | 1 |
| | | Type1 | 19 | 1 | 2594 | 20 | 1 |
| | | Type1 | 20 | 1 | 1113 | 47 | 1 |
| | | Type1 | 21 | 1 | 1300 | 39 | 1 |
| | | Type1 | 22 | 1 | 3044 | 17 | 1 |
| | | Type1 | 23 | 1 | 1623 | 32 | 1 |
| | | Type1 | 24 | 1 | 2878 | 18 | 1 |
| | | Type1 | 25 | 1 | 1027 | 50 | 1 |
| | | Type1 | 26 | 1 | 2485 | 21 | 0 |
| | | Type1 | 27 | 1 | 1598 | 32 | 1 |
| | | Type1 | 28 | 1 | 1171 | 45 | 1 |
| | | Type1 | 29 | 1 | 1176 | 45 | 1 |
| | | Type2 | 0 | 3.2 | 177 | 24 | 1 |
| | | Type2 | 1 | 1.1 | 207 | 22 | 1 |
| | | Type2 | 2 | 2.1 | 229 | 23 | 1 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | Type2 | 3 | 4.8 | 199 | 29 | 1 |
| | | Type2 | 4 | 3.9 | 213 | 26 | 1 |
| | | Type2 | 5 | 2.9 | 222 | 26 | 1 |
| | | Type2 | 6 | 3.2 | 204 | 24 | 1 |
| | | Type2 | 7 | 2.5 | 191 | 23 | 0 |
| | | Type2 | 8 | 3.1 | 162 | 24 | 1 |
| | | Type2 | 9 | 1.2 | 155 | 22 | 1 |
| | | Type2 | 10 | 3.9 | 208 | 27 | 1 |
| | | Type2 | 11 | 4.6 | 199 | 27 | 1 |
| | | Type2 | 12 | 3.2 | 160 | 25 | 1 |
| | | Type2 | 13 | 2.2 | 196 | 23 | 1 |
| | | Type2 | 14 | 4.5 | 161 | 28 | 1 |
| | | Type2 | 15 | 3 | 202 | 25 | 0 |
| | | Type2 | 16 | 5 | 166 | 28 | 1 |
| | | Type2 | 17 | 2.4 | 216 | 23 | 1 |
| | | Type2 | 18 | 2.9 | 190 | 25 | 1 |
| | | Type2 | 19 | 2.3 | 165 | 25 | 1 |
| | | Type2 | 20 | 3.7 | 149 | 25 | 1 |
| | | Type2 | 21 | 2.2 | 175 | 24 | 1 |
| | | Type2 | 22 | 4.9 | 195 | 27 | 1 |
| | | Type2 | 23 | 2.9 | 201 | 26 | 1 |
| | | Type2 | 24 | 2.5 | 177 | 24 | 1 |
| | | Type2 | 25 | 1.1 | 204 | 22 | 1 |
| | | Type2 | 26 | 3.8 | 153 | 26 | 1 |
| | | Type2 | 27 | 4.7 | 156 | 29 | 1 |
| | | Type2 | 28 | 2.4 | 223 | 24 | 1 |
| | | Type2 | 29 | 4.2 | 158 | 27 | 1 |
| | | Type3 | 0 | 8.2 | 354 | 16 | 1 |
| | | Type3 | 1 | 6.1 | 486 | 16 | 1 |
| | | Type3 | 2 | 7.1 | 343 | 14 | 1 |
| | | Type3 | 3 | 9.8 | 288 | 17 | 1 |
| | | Type3 | 4 | 8.9 | 230 | 18 | 1 |
| | | Type3 | 5 | 7.9 | 432 | 15 | 0 |
| | | Type3 | 6 | 8.2 | 205 | 17 | 1 |
| | | Type3 | 7 | 7.5 | 443 | 15 | 1 |
| | | Type3 | 8 | 8.1 | 438 | 16 | 1 |
| | | Type3 | 9 | 6.2 | 221 | 15 | 1 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | Type3 | 10 | 8.9 | 208 | 16 | 1 |
| | | Type3 | 11 | 9.6 | 461 | 18 | 1 |
| | | Type3 | 12 | 8.2 | 439 | 17 | 1 |
| | | Type3 | 13 | 7.2 | 322 | 14 | 1 |
| | | Type3 | 14 | 9.5 | 295 | 18 | 1 |
| | | Type3 | 15 | 8 | 412 | 16 | 0 |
| | | Type3 | 16 | 10 | 322 | 16 | 1 |
| | | Type3 | 17 | 7.4 | 270 | 17 | 1 |
| | | Type3 | 18 | 7.9 | 347 | 16 | 1 |
| | | Type3 | 19 | 7.3 | 408 | 16 | 1 |
| | | Type3 | 20 | 8.7 | 371 | 17 | 1 |
| | | Type3 | 21 | 7.2 | 253 | 15 | 1 |
| | | Type3 | 22 | 9.9 | 272 | 18 | 1 |
| | | Type3 | 23 | 7.9 | 277 | 17 | 0 |
| | | Type3 | 24 | 7.5 | 316 | 16 | 1 |
| | | Type3 | 25 | 6.1 | 260 | 16 | 1 |
| | | Type3 | 26 | 8.8 | 210 | 17 | 1 |
| | | Type3 | 27 | 9.7 | 271 | 17 | 1 |
| | | Type3 | 28 | 7.4 | 263 | 16 | 1 |
| | | Type3 | 29 | 9.2 | 282 | 17 | 1 |
| | | Type4 | 0 | 16 | 355 | 13 | 1 |
| | | Type4 | 1 | 11.3 | 486 | 10 | 1 |
| | | Type4 | 2 | 13.5 | 343 | 13 | 1 |
| | | Type4 | 3 | 19.4 | 287 | 15 | 1 |
| | | Type4 | 4 | 17.5 | 228 | 14 | 0 |
| | | Type4 | 5 | 15.3 | 430 | 14 | 1 |
| | | Type4 | 6 | 15.9 | 206 | 13 | 1 |
| | | Type4 | 7 | 14.3 | 442 | 11 | 0 |
| | | Type4 | 8 | 15.8 | 437 | 13 | 0 |
| | | Type4 | 9 | 11.5 | 222 | 11 | 1 |
| | | Type4 | 10 | 17.4 | 206 | 14 | 1 |
| | | Type4 | 11 | 19 | 462 | 16 | 1 |
| | | Type4 | 12 | 16 | 441 | 14 | 1 |
| | | Type4 | 13 | 13.8 | 322 | 13 | 1 |
| | | Type4 | 14 | 18.9 | 296 | 15 | 1 |
| | | Type4 | 15 | 15.5 | 411 | 13 | 1 |
| | | Type4 | 16 | 19.9 | 324 | 16 | 1 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | Type4 | 17 | 14.1 | 271 | 13 | 1 |
| | | Type4 | 18 | 15.2 | 349 | 13 | 1 |
| | | Type4 | 19 | 13.8 | 407 | 11 | 0 |
| | | Type4 | 20 | 17.1 | 371 | 14 | 1 |
| | | Type4 | 21 | 13.8 | 254 | 13 | 1 |
| | | Type4 | 22 | 19.8 | 272 | 15 | 1 |
| | | Type4 | 23 | 15.3 | 277 | 12 | 1 |
| | | Type4 | 24 | 14.5 | 316 | 12 | 1 |
| | | Type4 | 25 | 11.3 | 259 | 11 | 1 |
| | | Type4 | 26 | 17.3 | 209 | 13 | 1 |
| | | Type4 | 27 | 19.2 | 271 | 14 | 1 |
| | | Type4 | 28 | 14.2 | 262 | 11 | 0 |
| | | Type4 | 29 | 18.2 | 282 | 14 | 1 |
| | | Type5 | 0 | 15 | 12 | 5530 | 1 |
| | | Type5 | 1 | 8 | 12 | 5530 | 1 |
| | | Type5 | 2 | 11 | 12 | 5530 | 1 |
| | | Type5 | 3 | 20 | 12 | 5530 | 1 |
| | | Type5 | 4 | 17 | 12 | 5530 | 1 |
| | | Type5 | 5 | 14 | 12 | 5530 | 1 |
| | | Type5 | 6 | 15 | 12 | 5530 | 1 |
| | | Type5 | 7 | 12 | 12 | 5530 | 1 |
| | | Type5 | 8 | 14 | 12 | 5530 | 1 |
| | | Type5 | 9 | 8 | 12 | 5530 | 1 |
| | | Type5 | 10 | 17 | 12 | 5498 | 0 |
| | | Type5 | 11 | 19 | 12 | 5499 | 1 |
| | | Type5 | 12 | 15 | 12 | 5497 | 1 |
| | | Type5 | 13 | 12 | 12 | 5496 | 1 |
| | | Type5 | 14 | 19 | 12 | 5499 | 1 |
| | | Type5 | 15 | 14 | 12 | 5496 | 1 |
| | | Type5 | 16 | 20 | 12 | 5500 | 1 |
| | | Type5 | 17 | 12 | 12 | 5496 | 0 |
| | | Type5 | 18 | 14 | 12 | 5496 | 1 |
| | | Type5 | 19 | 12 | 12 | 5496 | 1 |
| | | Type5 | 20 | 16 | 12 | 5562 | 1 |
| | | Type5 | 21 | 12 | 12 | 5565 | 1 |
| | | Type5 | 22 | 20 | 12 | 5560 | 0 |
| | | Type5 | 23 | 14 | 12 | 5564 | 1 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | Type5 | 24 | 13 | 12 | 5564 | 0 |
| | | Type5 | 25 | 8 | 12 | 5566 | 1 |
| | | Type5 | 26 | 17 | 12 | 5562 | 1 |
| | | Type5 | 27 | 19 | 12 | 5561 | 1 |
| | | Type5 | 28 | 12 | 12 | 5564 | 1 |
| | | Type5 | 29 | 18 | 12 | 5562 | 1 |
| | | Type6 | 0 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 1 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 2 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 3 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 4 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 5 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 6 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 7 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 8 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 9 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 10 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 11 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 12 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 13 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 14 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 15 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 16 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 17 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 18 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 19 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 20 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 21 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 22 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 23 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 24 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 25 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 26 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 27 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 28 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 29 | 1 | 333.3 | 9 | 1 |

| Test Mode | Frequency [MHz] | Radar Type | Trial ID | Pulse width(μs) | PRI(μs) | Pulses per Burst | Detection (1: Yes; 0: No) |
|---|---|---|---|---|---|---|---|
| 11AC160 | 5570 | Type1 | 0 | 1 | 938 | 56 | 1 |
| | | Type1 | 1 | 1 | 697 | 74 | 1 |
| | | Type1 | 2 | 1 | 618 | 84 | 1 |
| | | Type1 | 3 | 1 | 536 | 99 | 1 |
| | | Type1 | 4 | 1 | 877 | 61 | 1 |
| | | Type1 | 5 | 1 | 3064 | 17 | 1 |
| | | Type1 | 6 | 1 | 637 | 82 | 1 |
| | | Type1 | 7 | 1 | 918 | 56 | 1 |
| | | Type1 | 8 | 1 | 836 | 63 | 1 |
| | | Type1 | 9 | 1 | 857 | 62 | 1 |
| | | Type1 | 10 | 1 | 797 | 66 | 1 |
| | | Type1 | 11 | 1 | 718 | 72 | 1 |
| | | Type1 | 12 | 1 | 576 | 92 | 1 |
| | | Type1 | 13 | 1 | 598 | 88 | 1 |
| | | Type1 | 14 | 1 | 557 | 94 | 1 |
| | | Type1 | 15 | 1 | 2535 | 20 | 1 |
| | | Type1 | 16 | 1 | 965 | 54 | 1 |
| | | Type1 | 17 | 1 | 825 | 63 | 1 |
| | | Type1 | 18 | 1 | 2500 | 22 | 1 |
| | | Type1 | 19 | 1 | 2593 | 21 | 1 |
| | | Type1 | 20 | 1 | 1114 | 47 | 1 |
| | | Type1 | 21 | 1 | 1302 | 39 | 1 |
| | | Type1 | 22 | 1 | 3044 | 16 | 1 |
| | | Type1 | 23 | 1 | 1623 | 33 | 1 |
| | | Type1 | 24 | 1 | 2877 | 18 | 1 |
| | | Type1 | 25 | 1 | 1026 | 52 | 1 |
| | | Type1 | 26 | 1 | 2484 | 21 | 1 |
| | | Type1 | 27 | 1 | 1599 | 32 | 1 |
| | | Type1 | 28 | 1 | 1170 | 46 | 1 |
| | | Type1 | 29 | 1 | 1177 | 44 | 1 |
| | | Type2 | 0 | 3.2 | 178 | 26 | 1 |
| | | Type2 | 1 | 1.1 | 206 | 21 | 1 |
| | | Type2 | 2 | 2.1 | 229 | 23 | 1 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | Type2 | 3 | 4.8 | 198 | 28 | 1 |
| | | Type2 | 4 | 3.9 | 213 | 27 | 1 |
| | | Type2 | 5 | 2.9 | 221 | 26 | 1 |
| | | Type2 | 6 | 3.2 | 203 | 26 | 1 |
| | | Type2 | 7 | 2.5 | 191 | 23 | 1 |
| | | Type2 | 8 | 3.1 | 164 | 26 | 1 |
| | | Type2 | 9 | 1.2 | 154 | 23 | 1 |
| | | Type2 | 10 | 3.9 | 210 | 26 | 1 |
| | | Type2 | 11 | 4.6 | 200 | 27 | 1 |
| | | Type2 | 12 | 3.2 | 162 | 26 | 1 |
| | | Type2 | 13 | 2.2 | 196 | 24 | 1 |
| | | Type2 | 14 | 4.5 | 162 | 28 | 1 |
| | | Type2 | 15 | 3 | 202 | 25 | 1 |
| | | Type2 | 16 | 5 | 167 | 29 | 1 |
| | | Type2 | 17 | 2.4 | 215 | 24 | 1 |
| | | Type2 | 18 | 2.9 | 190 | 26 | 1 |
| | | Type2 | 19 | 2.3 | 166 | 24 | 0 |
| | | Type2 | 20 | 3.7 | 149 | 26 | 1 |
| | | Type2 | 21 | 2.2 | 174 | 24 | 1 |
| | | Type2 | 22 | 4.9 | 195 | 28 | 1 |
| | | Type2 | 23 | 2.9 | 201 | 25 | 1 |
| | | Type2 | 24 | 2.5 | 178 | 24 | 1 |
| | | Type2 | 25 | 1.1 | 204 | 22 | 1 |
| | | Type2 | 26 | 3.8 | 155 | 26 | 0 |
| | | Type2 | 27 | 4.7 | 156 | 28 | 1 |
| | | Type2 | 28 | 2.4 | 223 | 24 | 1 |
| | | Type2 | 29 | 4.2 | 157 | 28 | 1 |
| | | Type3 | 0 | 8.2 | 355 | 15 | 1 |
| | | Type3 | 1 | 6.1 | 487 | 16 | 1 |
| | | Type3 | 2 | 7.1 | 342 | 15 | 1 |
| | | Type3 | 3 | 9.8 | 287 | 16 | 0 |
| | | Type3 | 4 | 8.9 | 228 | 17 | 1 |
| | | Type3 | 5 | 7.9 | 430 | 16 | 1 |
| | | Type3 | 6 | 8.2 | 207 | 15 | 1 |
| | | Type3 | 7 | 7.5 | 442 | 15 | 0 |
| | | Type3 | 8 | 8.1 | 438 | 17 | 0 |
| | | Type3 | 9 | 6.2 | 223 | 15 | 1 |

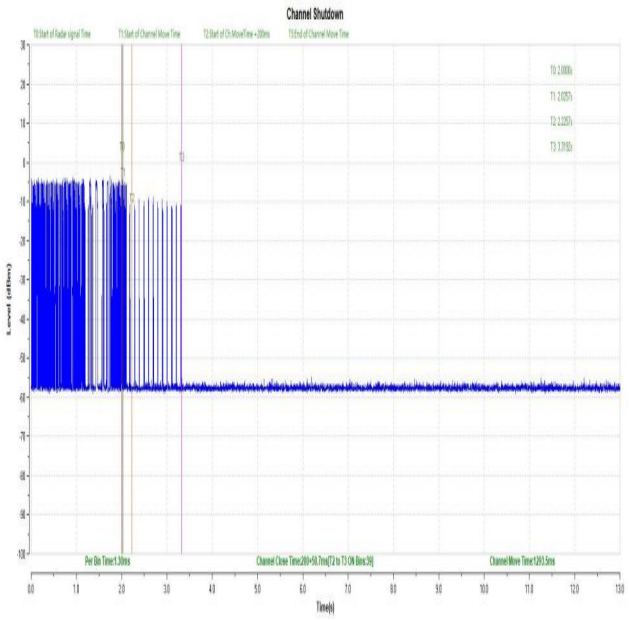
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | Type3 | 10 | 8.9 | 208 | 17 | 1 |
| | | Type3 | 11 | 9.6 | 463 | 17 | 1 |
| | | Type3 | 12 | 8.2 | 440 | 16 | 1 |
| | | Type3 | 13 | 7.2 | 321 | 14 | 1 |
| | | Type3 | 14 | 9.5 | 297 | 18 | 1 |
| | | Type3 | 15 | 8 | 411 | 16 | 1 |
| | | Type3 | 16 | 10 | 323 | 17 | 1 |
| | | Type3 | 17 | 7.4 | 269 | 16 | 1 |
| | | Type3 | 18 | 7.9 | 348 | 17 | 1 |
| | | Type3 | 19 | 7.3 | 408 | 15 | 1 |
| | | Type3 | 20 | 8.7 | 372 | 17 | 1 |
| | | Type3 | 21 | 7.2 | 252 | 16 | 1 |
| | | Type3 | 22 | 9.9 | 272 | 17 | 1 |
| | | Type3 | 23 | 7.9 | 277 | 16 | 1 |
| | | Type3 | 24 | 7.5 | 315 | 15 | 1 |
| | | Type3 | 25 | 6.1 | 259 | 14 | 1 |
| | | Type3 | 26 | 8.8 | 210 | 17 | 1 |
| | | Type3 | 27 | 9.7 | 271 | 17 | 0 |
| | | Type3 | 28 | 7.4 | 263 | 16 | 1 |
| | | Type3 | 29 | 9.2 | 282 | 17 | 1 |
| | | Type4 | 0 | 16 | 354 | 12 | 1 |
| | | Type4 | 1 | 11.3 | 486 | 12 | 0 |
| | | Type4 | 2 | 13.5 | 344 | 12 | 1 |
| | | Type4 | 3 | 19.4 | 287 | 15 | 1 |
| | | Type4 | 4 | 17.5 | 228 | 14 | 1 |
| | | Type4 | 5 | 15.3 | 430 | 13 | 1 |
| | | Type4 | 6 | 15.9 | 206 | 13 | 1 |
| | | Type4 | 7 | 14.3 | 442 | 12 | 1 |
| | | Type4 | 8 | 15.8 | 438 | 13 | 0 |
| | | Type4 | 9 | 11.5 | 221 | 12 | 1 |
| | | Type4 | 10 | 17.4 | 206 | 15 | 1 |
| | | Type4 | 11 | 19 | 461 | 15 | 1 |
| | | Type4 | 12 | 16 | 440 | 14 | 1 |
| | | Type4 | 13 | 13.8 | 322 | 12 | 1 |
| | | Type4 | 14 | 18.9 | 297 | 15 | 1 |
| | | Type4 | 15 | 15.5 | 412 | 12 | 1 |
| | | Type4 | 16 | 19.9 | 324 | 15 | 1 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | Type4 | 17 | 14.1 | 269 | 12 | 1 |
| | | Type4 | 18 | 15.2 | 348 | 13 | 1 |
| | | Type4 | 19 | 13.8 | 408 | 13 | 1 |
| | | Type4 | 20 | 17.1 | 371 | 15 | 1 |
| | | Type4 | 21 | 13.8 | 254 | 12 | 1 |
| | | Type4 | 22 | 19.8 | 274 | 15 | 1 |
| | | Type4 | 23 | 15.3 | 278 | 13 | 1 |
| | | Type4 | 24 | 14.5 | 317 | 13 | 1 |
| | | Type4 | 25 | 11.3 | 258 | 12 | 1 |
| | | Type4 | 26 | 17.3 | 210 | 14 | 0 |
| | | Type4 | 27 | 19.2 | 271 | 15 | 1 |
| | | Type4 | 28 | 14.2 | 262 | 11 | 1 |
| | | Type4 | 29 | 18.2 | 283 | 14 | 0 |
| | | Type5 | 0 | 15 | 12 | 5530 | 0 |
| | | Type5 | 1 | 8 | 12 | 5530 | 1 |
| | | Type5 | 2 | 11 | 12 | 5530 | 1 |
| | | Type5 | 3 | 20 | 12 | 5530 | 1 |
| | | Type5 | 4 | 17 | 12 | 5530 | 1 |
| | | Type5 | 5 | 14 | 12 | 5530 | 1 |
| | | Type5 | 6 | 15 | 12 | 5530 | 1 |
| | | Type5 | 7 | 12 | 12 | 5530 | 1 |
| | | Type5 | 8 | 14 | 12 | 5530 | 1 |
| | | Type5 | 9 | 8 | 12 | 5530 | 1 |
| | | Type5 | 10 | 17 | 12 | 5498 | 1 |
| | | Type5 | 11 | 19 | 12 | 5499 | 1 |
| | | Type5 | 12 | 15 | 12 | 5497 | 1 |
| | | Type5 | 13 | 12 | 12 | 5496 | 1 |
| | | Type5 | 14 | 19 | 12 | 5499 | 0 |
| | | Type5 | 15 | 14 | 12 | 5496 | 1 |
| | | Type5 | 16 | 20 | 12 | 5500 | 1 |
| | | Type5 | 17 | 12 | 12 | 5496 | 1 |
| | | Type5 | 18 | 14 | 12 | 5496 | 1 |
| | | Type5 | 19 | 12 | 12 | 5496 | 1 |
| | | Type5 | 20 | 16 | 12 | 5562 | 1 |
| | | Type5 | 21 | 12 | 12 | 5565 | 1 |
| | | Type5 | 22 | 20 | 12 | 5560 | 1 |
| | | Type5 | 23 | 14 | 12 | 5564 | 1 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | Type5 | 24 | 13 | 12 | 5564 | 1 |
| | | Type5 | 25 | 8 | 12 | 5566 | 1 |
| | | Type5 | 26 | 17 | 12 | 5562 | 1 |
| | | Type5 | 27 | 19 | 12 | 5561 | 1 |
| | | Type5 | 28 | 12 | 12 | 5564 | 1 |
| | | Type5 | 29 | 18 | 12 | 5562 | 0 |
| | | Type6 | 0 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 1 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 2 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 3 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 4 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 5 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 6 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 7 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 8 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 9 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 10 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 11 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 12 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 13 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 14 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 15 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 16 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 17 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 18 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 19 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 20 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 21 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 22 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 23 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 24 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 25 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 26 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 27 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 28 | 1 | 333.3 | 9 | 1 |
| | | Type6 | 29 | 1 | 333.3 | 9 | 1 |

# Channel Move Time and Channel Closing Transmission Time

| Test Mode | Frequency[MHz] | CCTT[ms] | Limit[ms] | CMT[ms] | Limit[ms] | Verdict |
|---|---|---|---|---|---|---|
| 11AC160 | 5250 | 200+50.7 | 200+60 | 1293.5 | 10000 | PASS |

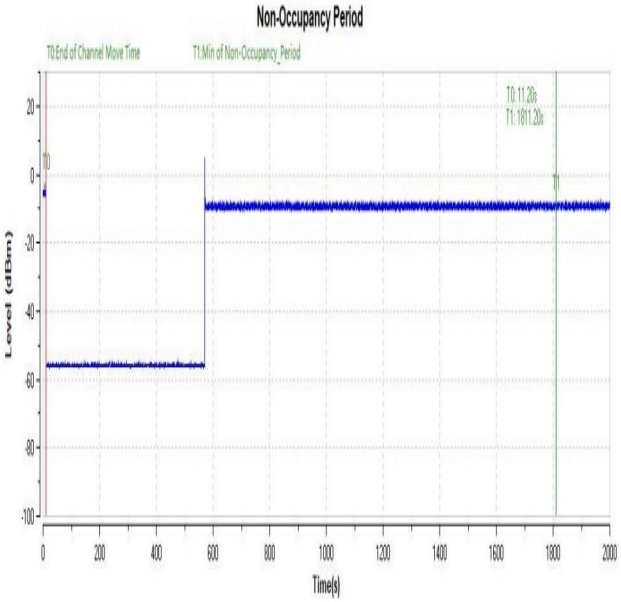



11AC160_5250

## Non-occupancy Period

| TestMode | Frequency[MHz] | Result | Limit[s] | Verdict |
|---|---|---|---|---|
| 11AC160 | 5250 | see test graph | ≥1800 | PASS |

11ac160 Mode 5250MHz



## U-NII Detection Bandwidth

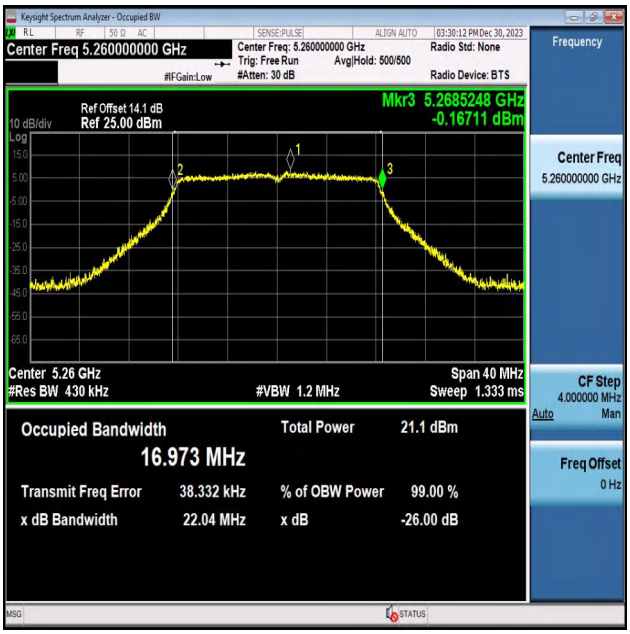
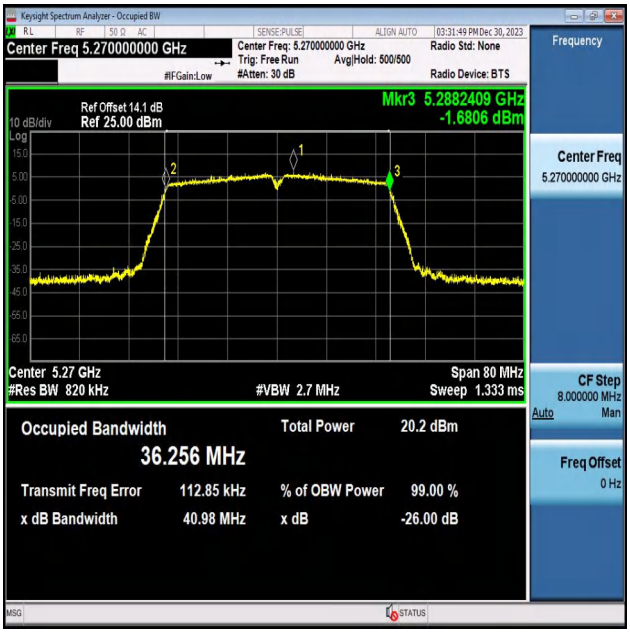
## Test Result

| TestMode | Frequency[MHz] | FL[MHz] | FH[MHz] | Detection Bandwidth [MHz] | OCB [MHz] | Ratio [%] | Limit [%] | Verdict |
|---|---|---|---|---|---|---|---|---|
| 11AC20 | 5260 | 5250 | 5270 | 20 | 16.973 | 117.83 | ≥100 | PASS |
| 11AC40 | 5270 | 5250 | 5290 | 40 | 36.256 | 110.33 | ≥100 | PASS |
| 11AC160 | 5250 | 5170 | 5330 | 160 | 154.55 | 103.53 | ≥100 | PASS |

| Test Mode | Frequency[MHz] | Radar Freq. | Trial 1 | Trial 2 | Trial 3 | Trial 4 | Trial 5 | Trial 6 | Trial 7 | Trial 8 | Trial 9 | Trial 10 | Ratio (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11AC20 | 5260 | 5249 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 5250 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5255 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5260 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5265 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5270 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5271 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11AC40 | 5270 | 5249 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 5250 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5255 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5260 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5265 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5270 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5275 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5280 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5285 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5290 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5291 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11AC160 | 5250 | 5250 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5255 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5260 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5265 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5270 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5275 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5280 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |

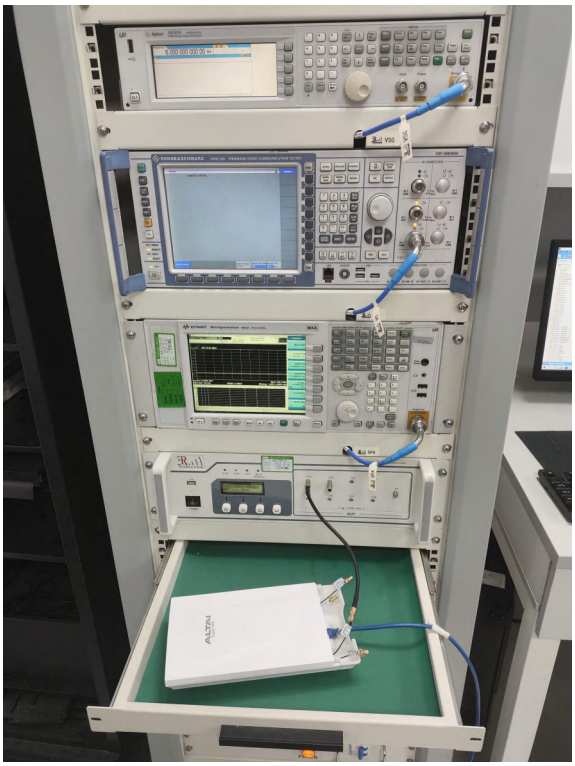
| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 5285 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5290 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5295 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5300 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5305 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5310 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5315 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5320 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5325 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5330 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| | | 5331 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Test Graphs

| 11AC20_5260 |
| --- |
|  |
| 11AC40_5270 |
|  |
| 11AC160_5250 |


Keysight Spectrum Analyzer - Occupied BW
Center Freq 5.250000000 GHz
Center Freq: 5.250000000 GHz
Trig: Free Run
Avg|Hold: 500/500
#IFGain:Low
#Atten: 10 dB
Radio Std: None
Radio Device: BTS
01:21:28 PM Jan 25, 2024
Ref Offset 12.59 dB
10 dB/div
Ref 30.00 dBm
Log
Mkr3 5.3278188 GHz
-3.2711 dBm
Center 5.25 GHz
#Res BW 4 MHz
#VBW 8 MHz
Span 320 MHz
Sweep 1.333 ms
Occupied Bandwidth
154.55 MHz
Total Power 17.2 dBm
Transmit Freq Error 543.80 kHz
% of OBW Power 99.00 %
x dB Bandwidth 178.4 MHz
x dB -26.00 dB
Frequency
Center Freq
5.250000000 GHz
CF Step
32.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

# 8. Test Setup Photos of the EUT



# *9. Photos of the EUT*

Reference to the test report No.**GRCTR231202011-01.**

********** End of Report **********