RADIO TEST REPORT

(FCC Part 15 Subpart E)

Applicant:	CPSpeed CO.,LTD.
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Manufacturer:	MeiG Smart Technology Co., Ltd
Address:	2nd Floor,Office Building,No.5 Lingxia Road,Fenghuang,Fuyong Street,Bao'an District,Shenzhen
Product:	Speed Wi-Fi DOCK 5G 01
Brand Name:	CPSpeed
Model Name:	CPS01
FCC ID:	2BMKV-CPS01
Date of tests:	Nov. 12, 2024~Dec. 12, 2024
The tests have been carried out according to the requirements of the following standard:	
☒ **Part 15 Subpart E §15. 407**	
CONCLUSION: The submitted sample was found to COMPLY with the test requirement	

Prepared by Simon Wang Engineer / Mobile Department	Approved by Luke Lu Manager / Mobile Department
Simon Wang Date: Dec. 12, 2024	Luke Lu Date: Dec. 12, 2024

REPORT REVISE RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
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SUMMARY OF DYNAMIC FREQUENCY SELECTION TEST

APPLIED STANDARD: FCC KDB 905462			
STANDARD SECTION	**TEST ITEM**	**RESULT**	**TEST LA***
7.8.1	U-NII Detection Bandwidth	Compliance	A
7.8.2.1	Initial Channel Availability Check Time	Compliance	A
7.8.2.2	Radar Burst at the Beginning of the Channel Availability Check Time	Compliance	A
7.8.2.3	Radar Burst at the End of the Channel Availability Check Time	Compliance	A
7.8.3	In-Service Monitoring for Channel Move Time (CMT)	Compliance	A
7.8.3	In-Service Monitoring for Channel Closing Transmission Time (CCTT)	Compliance	A
7.8.3	In-Service Monitoring for Non-Occupancy Period (NOP)	Compliance	A
7.8.4	Statistical Performance Check	Compliance	A
8.1	User Access Restrictions	NA (See note)	A

Note: Manufacturor Lattestation NOT accessible to user.

***Test Lab Information Reference**

Lab A:
BV 7Layers Communications Technology (Shenzhen) Co. Ltd
Lab Address:
No. B102, Dazu Chuangxin Mansion, North of Beihuan Avenue, North Area, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong, China
Accredited Test Lab Cert 3939.01

The FCC Site Registration No. is 525120; The Designation No. is CN1171.

1 GENERAL DESCRIPTION

1.1 GENERAL DESCRIPTION OF EUT

PRODUCT*	Speed Wi-Fi DOCK 5G 01
BRAND NAME*	CPSpeed
MODEL NAME*	CPS01
Power Supply*	5.0Vdc(adapter or host equipment) 3.85Vdc (Li-ion, battery)
HW Version*	CPS01_V1.03
SW Version*	CPS01_D.0.5_EQ101
Modulation Technology*	1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM,OFDMA
Modulation Type*	802.11a/n/ac/ax : OFDM, OFDMA
Operating Frequency	U-NII-2A:5250~5350MHz U-NII-2C:5500~5720MHz
Antenna Type*	IFA/ Monopole Antenna
Antenna Gain*	ANT W0: 1.5dBi for 5260 ~ 5320MHz 1.5dBi for 5500 ~ 5720MHz ANT W1: 1.5dBi for 5260 ~ 5320MHz 1.5dBi for 5500 ~ 5720MHz
I/O Ports*	Refer to user's manual

NOTE:

1. ***Since the above data and/or information is provided by the client relevant results or conclusions of this report are only made for these data and/or information, Test Lab is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.

2. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

3. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.

4. **List of Accessory:**

ACCESSORIES	BRAND	MANUFACTURER	MODEL	SPECIFICATION
LCD Panel 1	ZZW	Shenzhen Zoneway Technology Co.,Ltd	ZZW240QBS-1499A	N/A
LCD Panel 2	Rouxian	Chongqing Rouxian Intelligent Technology Co., Ltd	24JS1199-QT	N/A
LCD Panel 3	Yiou	Hubei Yiou Electronics Co.,Ltd.	TBD	N/A
Battery 1	BYD	Shenzhen BYD Lithium Battery Company Limited	CPS01-CSL345683	Capacity：5400mAh, Li-ion Battery
Battery 2	ATL	Dongguan Amperex Technology Limited	CPS01-345683	Capacity：5400mAh, Li-ion Battery
AC Adapter 1	N/A	N/A	N/A	I/P:100-240Vac, 0.5A, 50-60Hz, O/P: 5 Vdc, 2.5A or 9Vdc, 1.7A or 12Vdc, 1.25A
AC Adapter 2	N/A	N/A	N/A	I/P:100-240Vac, 0.5A, 50-60Hz, O/P: 5 Vdc, 2.5A or 9Vdc, 1.7A or 12Vdc, 1.25A

1.2 MODIFICATION OF EUT

No modifications are made to the EUT during all test items.

1.3 APPLICABLE STANDARDS

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC Part 15 Subpart E §15.407
- FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02
- FCC KDB 905462 D03 UNII Clients Without Radar Detection New Rules v01r02
- The FCC Site Registration No. is 55120; The Designation No. is CN1171.

2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST

2.1 CARRIER FREQUENCY AND CHANNEL

U-NII-2A

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
52	5260 MHz	60	5300 MHz
54	5270 MHz	62	5310 MHz
56	5280 MHz	64	5320 MHz

U-NII-2C

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
100	5500 MHz	112	5560 MHz
102	5510 MHz	116	5580 MHz
104	5520 MHz	132	5660 MHz
108	5540 MHz	134	5670 MHz
110	5550 MHz	136	5680 MHz
144	5720 MHz	140	5700 MHz

TDWR

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
118	5590 MHz	124	5620 MHz
120	5600 MHz	126	5630 MHz

2.2 TEST MODE

Additional requirements for devices with multiple bandwidth modes	Master Device or Client with Radar Detection	Client Without Radar Detection
U-NII 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 the widest BW mode available for the link
All other tests	Any single BW mode	Not required
Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.		

2.3 SUPPORT EQUIPMENT

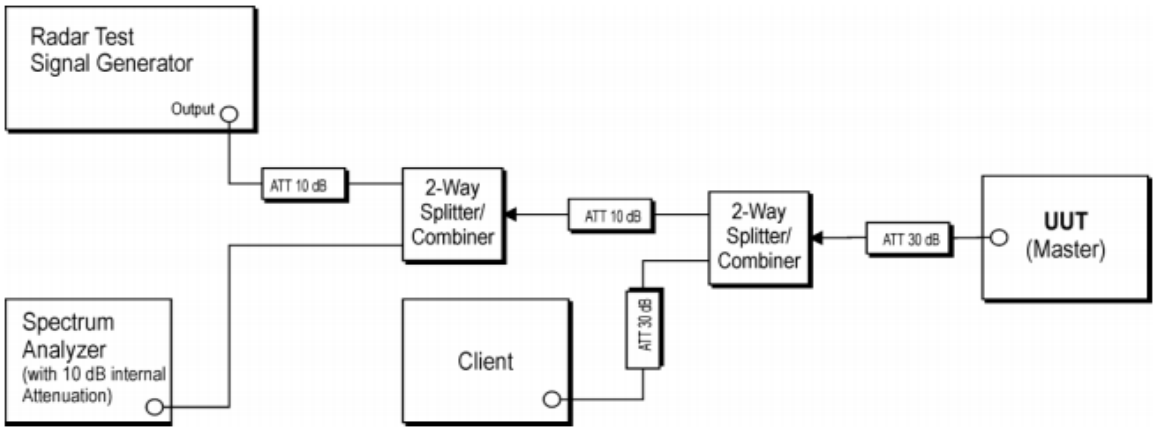
Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Wireless Router	ASUS	RT-AX88U	MSQ-RTAXHP00	N/A	Unshielded, 1.8 m
2.	Notebook	Lenovo	Xiaoxinchao5000	FCC sDoC	N/A	shielded cable DC O/P 1.8 m unshielded AC I/P cable1.2 m

2.4 TEST TOOL SOFTWARE VERSION

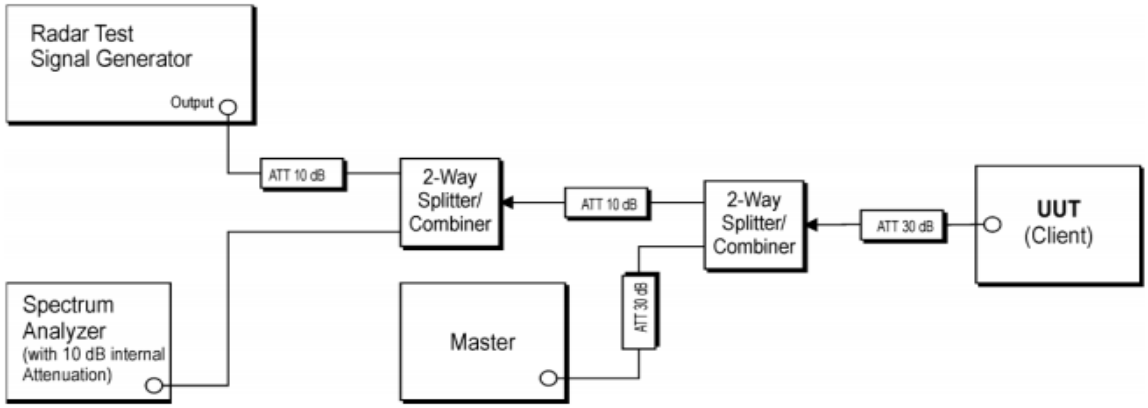
Item	Trade Name	Model Name	FW Version
1.	Tonscend	JS1120-3	3.2.06

2.5 TEST SETUP

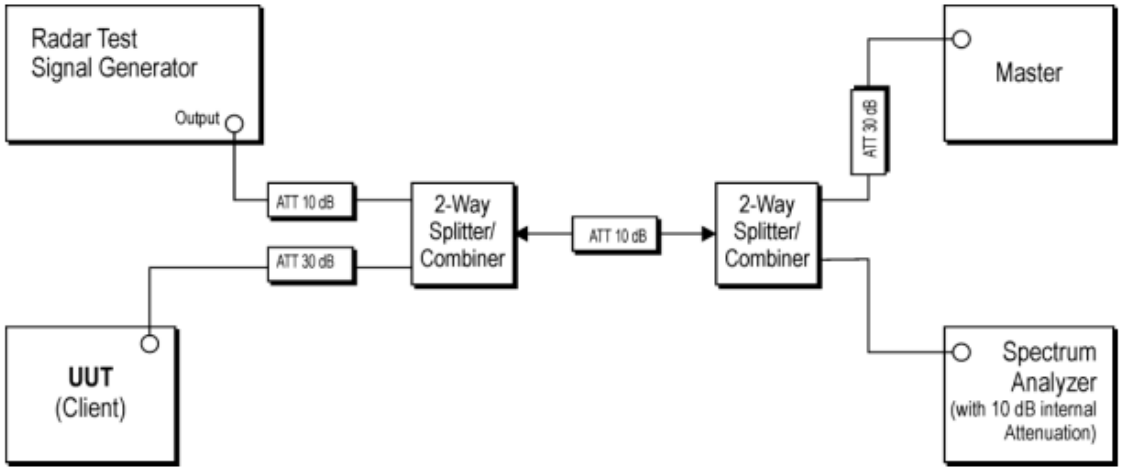
Master Modes



Client with injection at the Client Modes



Client with injection at the Master Modes



2.6 EUT MAXIMUM E.I.R.P. POWER

SISO Mode:

802.11a

Frequency Band (MHz)	Max. EIRP	
	Output EIRP (dBm)	Output EIRP (mw)
5250~5350	17.03	50.47
5470~5725	17.4	54.95

MIMO Mode:

802.11n20

Frequency Band (MHz)	Max. EIRP	
	Output EIRP (dBm)	Output EIRP (mw)
5250~5350	19.56	90.36
5470~5725	19.87	97.05

802.11n40

Frequency Band (MHz)	Max. EIRP	
	Output EIRP (dBm)	Output EIRP (mw)
5250~5350	19.95	98.86
5470~5725	20.19	104.47

802.11ac20

Frequency Band (MHz)	Max. EIRP	
	Output EIRP (dBm)	Output EIRP (mw)
5250~5350	19.52	89.54
5470~5725	19.95	98.86

802.11ac40

Frequency Band (MHz)	Max. EIRP	
	Output EIRP (dBm)	Output EIRP (mw)
5250~5350	19.99	99.77
5470~5725	20.31	107.40

802.11ac80

Frequency Band (MHz)	Max. EIRP	
	Output EIRP (dBm)	Output EIRP (mw)
5250~5350	19.64	92.04
5470~5725	19.88	97.27

802.11ax20

Frequency Band (MHz)	Max. EIRP	
	Output EIRP (dBm)	Output EIRP (mw)
5250~5350	19.61	91.41
5470~5725	20	100.00

802.11ax40

Frequency Band (MHz)	Max. EIRP	
	Output EIRP (dBm)	Output EIRP (mw)
5250~5350	19.39	86.90
5470~5725	19.75	94.41

802.11ax80

Frequency Band (MHz)	Max. EIRP	
	Output EIRP (dBm)	Output EIRP (mw)
5250~5350	19.39	86.90
5470~5725	19.65	92.26

802.11ax160

Frequency Band (MHz)	Max. EIRP	
	Output EIRP (dBm)	Output EIRP (mw)
5250~5350	16.78	47.64
5470~5725	19.86	96.83

Note: The ANTENNA REQUIREMENTS Please Refer to Report: W7L-P24090006RF03.

2.7 TRANSMIT POWER CONTROL (TPC)

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

Maximum EIRP of this device is 640.27mW which greater than 500mW, therefore it's required TPC function.

The UUT can adjust a transmitter's output power based on the signal level present at the receiver. TPC is auto controlled by software

2.8 DFS DETECTION THRESHOLDS FOR MASTER DEVICES AND CLIENT DEVICES WITH RADAR DETECTION

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

The radar Detection Threshold, lowest antenna gain is the parameter of Interference radar DFS detection threshold, The UNII-2A and UNII-2C Interference Detection Threshold is the (-62dBm) + (1.5) [dBi] + 1dBm = -59.5 dBm and (-64dBm) + (1.5) [dBi] + 1dBm = -61.5 dBm.

3 REQUIREMENTS AND PARAMETERS FOR DFS TEST

3.1 APPLICABILITY OF DFS REQUIREMENTS

EUT is client and operates as client without radar detection function.

Table 1: Applicability of DFS Requirements Prior to Use of 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
Client Beacon Test	N/A	Yes	Yes

Additional requirements for devices with multiple bandwidth modes	Operational Mode	
	Master or Client With Radar Detection	Client Without Radar Detection
U-NII 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 the widest BW mode available for the link
All other tests	Any single BW mode	Not required

Note

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

3.2 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 99% power bandwidth See Note 3.

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

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

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 *Channel* changes (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 is used and for each frequency step the minimum percentage of detection is 90%. Measurements are performed with no data traffic.

3.3 SHORT PULSE RADAR TEST WAVEFORMS

As the EUT is a Client Device with no Radar Detection, only one type of radar pulse is required for the testing. Radar Pulse type 0 was used in the evaluation of the Client device for the purpose of measuring the Channel Move Time and the Channel Closing Transmission Time.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Trials
0	1	1428	18	60%	30
1	1	Test A Test B	$\text{Roundup}\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot 10^6}{\text{PRI}_{\mu\text{sec}}}\right)\right\}$	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120
Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.					

Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a
Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A

A minimum of 30 unique waveforms are required for each of the short pulse radar types 2 through 4. For short pulse radar type 1, the same waveform is used a minimum of 30 times. 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.

The aggregate is the average of the percentage of successful detections of short pulse radar types 1-4.

3.4 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. 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.

3.5 FREQUENCY HOPPING RADAR TEST WAVEFORM

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

For the Frequency Hopping Radar Type, the same Burst parameters are used for each waveform. The hopping sequence is different for each waveform and a 100-length segment is selected from the hopping sequence defined by the following algorithm:

The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues until all 475 frequencies are chosen for the set. For selection of a random frequency, the frequencies remaining within the group are always treated as equally likely.

4 CALIBRATION SETUP AND DFS TEST RESULTS

4.1 CALIBRATION OF RADAR WAVEFORM

4.1.1 RADAR WAVEFORM CALIBRATION PROCEDURE

The U-NII-2A and U-NII-2C Interference **Radar Detection Threshold Level** is (-62dBm) + (3.5) [dBi] +1dBm= -57.5dBm and (-64dBm) + (3.5) [dBi] +1dBm= -59.5dBm that had been considered the output power range and antenna gain. The following equipment setup was used to calibrate the radiated Radar Waveform. A vector signal generator was utilized to establish the test signal level for radar type 0. During this process there were no transmissions by either the Master or Client Device. The spectrum analyzer was switched to the zero span (Time Domain) at the frequency of the Radar Waveform generator. Peak detection was used. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to 3 MHz to measure the type 0 radar waveform. Capture the spectrum analyzer plots on short pulse radar waveform.

4.1.2 RADAR WAVEFORM CALIBRATION RESULT

Please Refer to Appendix Of this test report.

4.2 CHANNEL AVAILABILITY CHECK TIME

4.2.1 LIMIT OF CHANNEL AVAILABILITY CHECK TIME

The EUT shall perform a Channel Availabilitv Check to ensure that there is no radar operating on thechannel. After power-up sequence, receive at least 1 minute (60 sec) on the intended operating frequency.

4.2.2 TEST PROCEDURES

1. The Initial Channel Availability Check Time. The EUT does not emit beacon, control, or data signals onthe test Channel until the power-up sequence has been completed and the UNII device checks for Radar Waveforms for one minute on the test Channel. This test does not use any Radar Waveforms.

2. The radar burst at the beginning of the channel availability check verifies that the selected channel radar detection is successful and records data for a period equal to the start time of the channel availability check time.

3. The radar burst at the end of the channel availability check verifies whether the radar detection of the selected channel is successful and records the data when it is equal to the channel availability check time.

4.2.3 RESULT OF CHANNEL LOADING AND CHANNEL AVAILABILITY CHECK TIME

Please Refer to Appendix Of this test report.

4.3 IN-SERVICE MONITORING: CHANNEL MOVE TIME, CHANNEL CLOSING TRANSMISSION TIME AND NON-OCCUPANCY PERIOD

4.3.1 LIMIT OF IN-SERVICE MONITORING

The EUT has In-Service Monitoring function to continuously monitor the radar signals, If radar is detected, it must leave the channel (Shutdown). The Channel Move Time to cease all transmissions on the current Channel upon detection of a Radar Waveform above the DFS Detection Threshold within 10 sec. The total duration of 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 Channel changes (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.

Non-Occupancy Period time is 30 minutes during which a Channel will not be utilized after a Radar Waveform is detected on that Channel. The non-associated Client Beacon Test is during the 30 minutes observation time. The EUT should not make any transmissions in the DFS band after EUT power up.

4.3.2 TEST PROCEDURES

1. The radar pulse generator is setup to provide a pulse at frequency that the Master and Client are operating. A type 0 radar pulse with a 1us pulse width and a 1428 us PRI is used for the testing.
2. The vector signal generator is adjusted to provide the radar burst (18 pulses) at a level of approximately -62dBm at the antenna of the Master device.
3. A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
4. A U-NII device operating as a Client Device will associate with the Master at Channel. The MPEG file “TestFile.mpg” specified by the FCC is streamed from the “file computer” through the Master to the Client Device and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
5. When a radar Burst with a level equal to the DFS Detection Threshold + 1dB is generated on the Operating Channel of the U-NII device. At time T0 the Radar Waveform generator sends a Burst of pulse of the radar waveform at Detection Threshold + 1dB.
6. Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the EUT during the observation time (Channel Move Time). One 12 seconds plot is reported for the Short Pulse Radar Types 1. The plot for the Short Pulse Radar Types starts at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.

7. Measurement of the aggregate duration of the Channel Closing Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: **Dwell (0.4ms) = S (12000ms) / B (30000)**; where Dwell is the dwell time per spectrum analyzer sampling bin, S is the sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: **C (ms)= N X Dwell (0.4 ms)**; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
8. Measure the EUT for more than 30 minutes following the channel move time to verify that no transmissions or beacons occur on this Channel.

4.3.3 RESULT OF CHANNEL MOVE TIME, CHANNEL CLOSING TRANSMISSION TIME AND NON-OCCUPANCY PERIOD FOR CLIENT BEACON TEST

Please Refer to Appendix Of this test report.

4.3.4 CHANNEL MOVE TIME, CHANNEL CLOSING TRANSMISSION TIME AND NON-OCCUPANCY PERIOD FOR CLIENT BEACON TEST PLOTS

Please Refer to Appendix Of this test report.

4.4 U-NII DETECTION BANDWIDTH

4.4.1 LIMIT OF U-NII DETECTION BANDWIDTH

Channel Bandwidth (MHz)	20	40
99% Occupied Bandwidth (MHz)	17.961	36.305
UNII Detection Bandwidth Min. Limit (MHz)	18	37

4.4.2 TEST PROCEDURES

1. Start measuring when there is no data in the EUT, with 0-type radar, for each occupied channel bandwidth, it should be detected by the test device U-NII with a minimum detection percentage of 90%.

2. The radar frequency is gradually increased according to 1 to 5MH, repeat the test, and record the detection rate of each test

3. The maximum frequency with detection rate greater than or equal to 90% is denoted as F_H, the lowest frequency with detection rate greater than or equal to 90% is denoted as F_L, and U-NII detection bandwidth = $F_H - F_L$.

4.4.3 RESULT OF U-NII DETECTION BANDWIDTH

Please Refer to Appendix Of this test report.

4.5 STATISTICAL PERFORMANCE CHECK

4.5.1 LIMIT OF STATISTICAL PERFORMANCE CHECK

Radar Type	1	2	3	4	1-4	5	6
LIMIT:Minimum(Pd)	60%	60%	60%	60%	80%	80%	70%
MinimumTrials	30	30	30	30	120	30	30

The percentage of successful detection is calculated by:

$$\frac{\text{Total Waveform Detections}}{\text{Total Waveform Trails}} \times 100 = \text{Probability of Detection Radar Waveform}$$

In addition, an aggregate minimum percentage of successful detection across all Short Pulse Radar Types 1-4 is required and is calculated as follows:

$$\frac{Pd1 + Pd2 + Pd3 + Pd4}{4}$$

4.5.2 TEST PROCEDURES

1. Select the test to specify the channel frequency and start the test. Result should be that the minimum channel load is greater than 17% of the test.

2. In the 1-4 and 6 short-pulse radar tests, observe the transmission of EUT at the end of the burst of the operating channel, 30 times for each group of types, each test time is not less than 10 seconds, and the test results are statistically recorded.

3. The test time of the Type 5 long-pulse radar should not be less than 22 seconds, and the test results will be statistically recorded.

4.5.3 RESULT OF STATISTICAL PERFORMANCE CHECK

Please Refer to Appendix Of this test report.

5 LIST OF MEASURING EQUIPMENT

Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Due Date	Remark
Spectrum Analyzer	KEYSIGHT	N9010A-544	MY54510355	May. 09,24	May. 08,25	Conducted
MXG Analog Microvave Signal Generator (Blocker)	KEYSIGHT	N5183A	MY50143024	Feb. 13,24	Feb. 12,25	Conducted
Signal Generator (Interferer)	KEYSIGHT	N5182B	MY56200114	Feb. 13,24	Feb. 12,25	Conducted
Test Software	JS1120-3	3.2.06	N/A	N/A	N/A	Conducted

6 APPENDIX

DFS Detection Thresholds

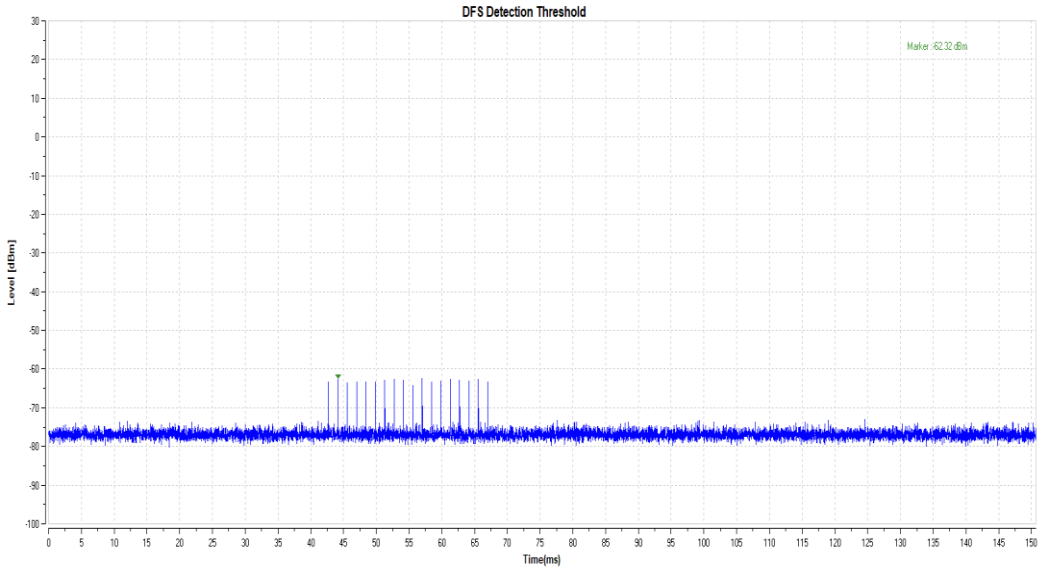
Test Result

TestMode	Frequency[dbm]	Radar Type	Result	Limit[dbm]	Verdict
20M	5320	Type0	-62.32	-62.00	PASS
		Type1	-62.27	-62.00	PASS
		Type2	-62.44	-62.00	PASS
		Type3	-62.04	-62.00	PASS
		Type4	-62.15	-62.00	PASS
		Type5	-62.41	-62.00	PASS
		Type6	-62.30	-62.00	PASS
	5500	Type0	-62.17	-62.00	PASS
		Type1	-62.18	-62.00	PASS
		Type2	-62.44	-62.00	PASS
		Type3	-62.08	-62.00	PASS
		Type4	-62.11	-62.00	PASS
		Type5	-62.32	-62.00	PASS
		Type6	-63.62	-62.00	PASS
40M	5310	Type0	-62.47	-62.00	PASS
		Type1	-62.03	-62.00	PASS
		Type2	-62.05	-62.00	PASS
		Type3	-62.24	-62.00	PASS
		Type4	-62.35	-62.00	PASS
		Type5	-62.44	-62.00	PASS
		Type6	-62.20	-62.00	PASS
	5510	Type0	-62.42	-62.00	PASS
		Type1	-62.29	-62.00	PASS
		Type2	-62.18	-62.00	PASS
		Type3	-62.16	-62.00	PASS
		Type4	-62.16	-62.00	PASS
		Type5	-62.21	-62.00	PASS
		Type6	-62.49	-62.00	PASS
80M	5290	Type0	-62.49	-62.00	PASS
		Type1	-62.14	-62.00	PASS

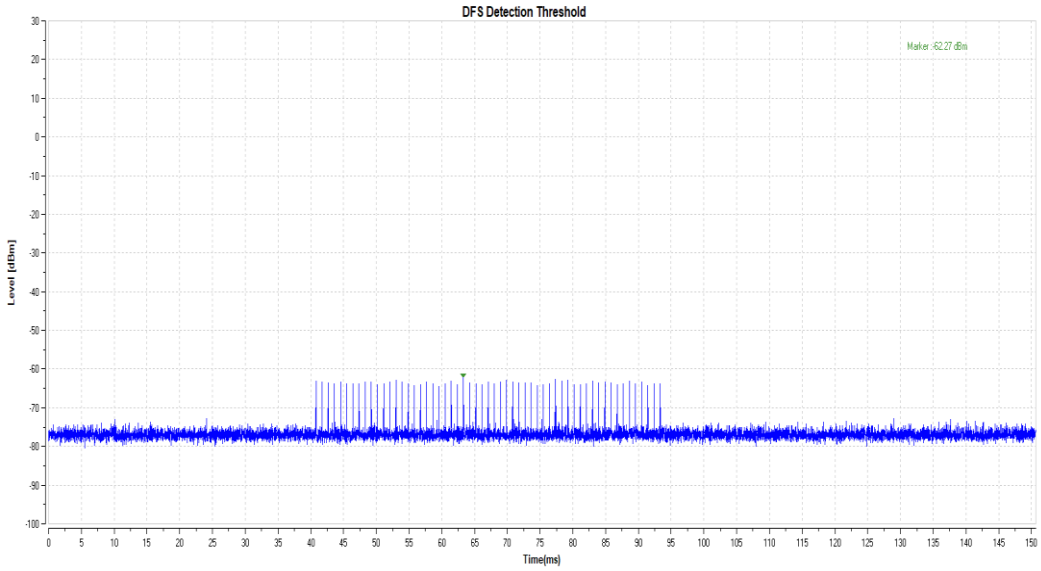
		Type2	-62.24	-62.00	PASS
		Type3	-62.02	-62.00	PASS
		Type4	-62.06	-62.00	PASS
		Type5	-62.16	-62.00	PASS
		Type6	-62.41	-62.00	PASS
	5530	Type0	-62.15	-62.00	PASS
		Type1	-62.39	-62.00	PASS
		Type2	-62.34	-62.00	PASS
		Type3	-62.16	-62.00	PASS
		Type4	-62.08	-62.00	PASS
		Type5	-62.09	-62.00	PASS
		Type6	-62.35	-62.00	PASS
160M	5250	Type0	-62.29	-62.00	PASS
		Type1	-62.23	-62.00	PASS
		Type2	-62.47	-62.00	PASS
		Type3	-62.09	-62.00	PASS
		Type4	-62.41	-62.00	PASS
		Type5	-62.35	-62.00	PASS
		Type6	-62.03	-62.00	PASS
	5570	Type0	-62.43	-62.00	PASS
		Type1	-62.02	-62.00	PASS
		Type2	-62.13	-62.00	PASS
		Type3	-62.25	-62.00	PASS
		Type4	-62.13	-62.00	PASS
		Type5	-62.06	-62.00	PASS
		Type6	-63.71	-62.00	PASS

Test Graphs

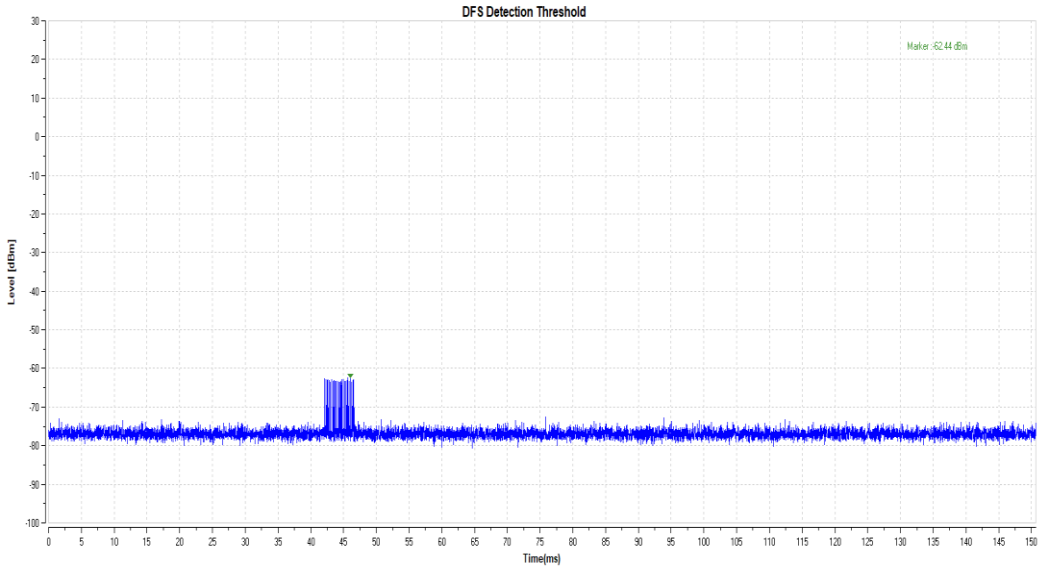
20M_5320_Type0



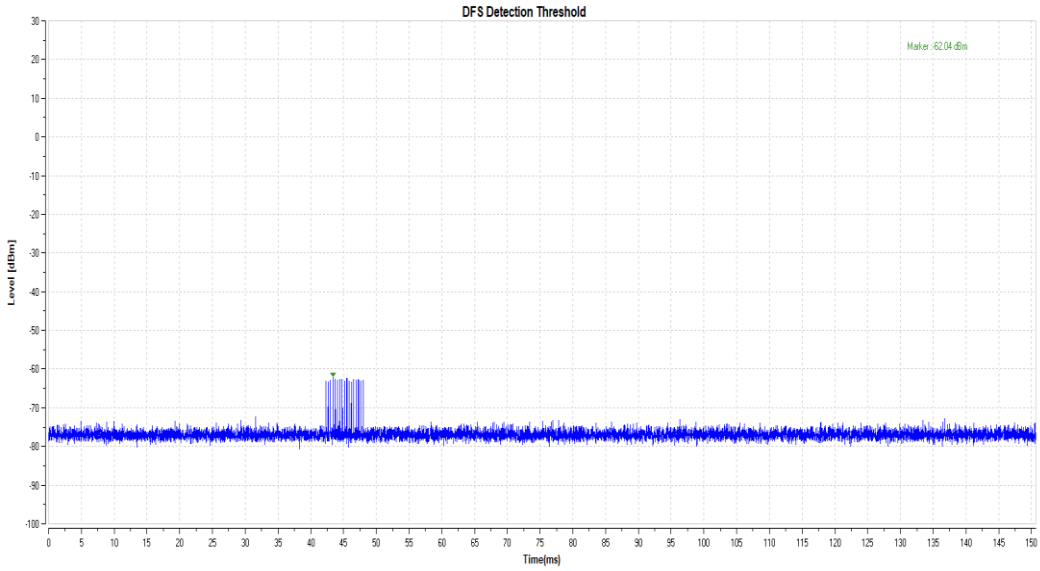
20M_5320_Type1



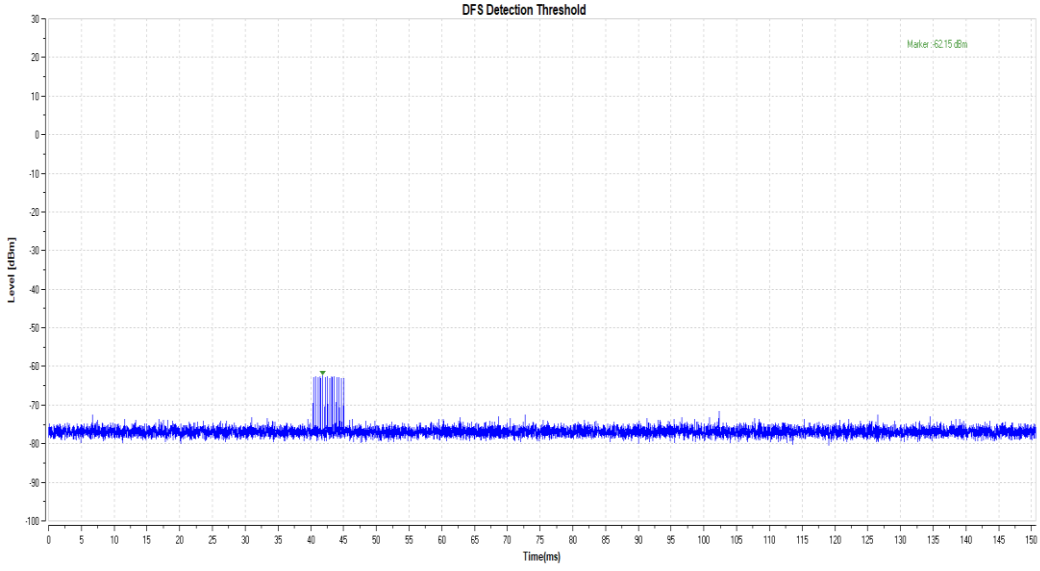
20M_5320_Type2

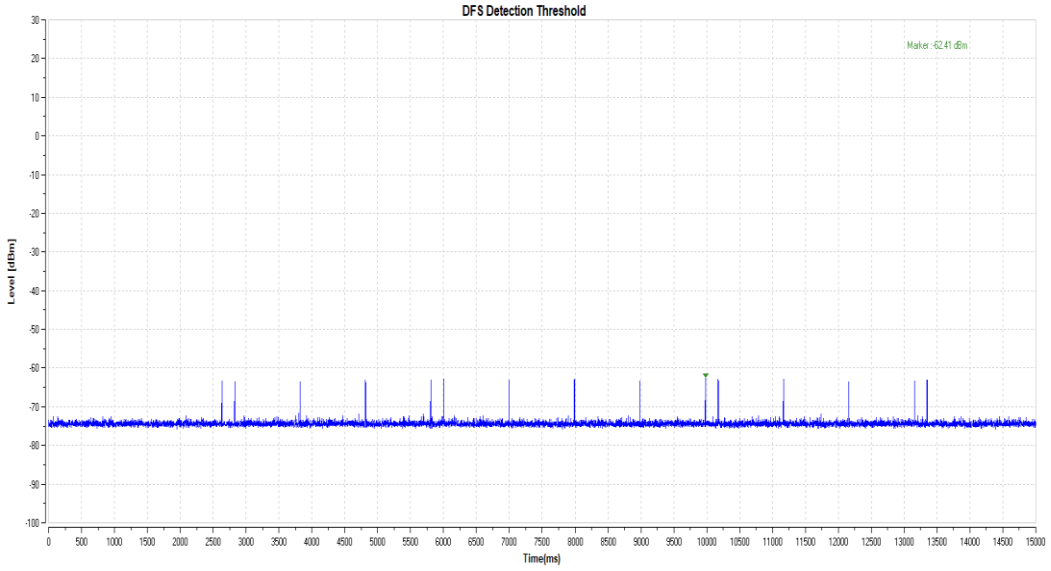
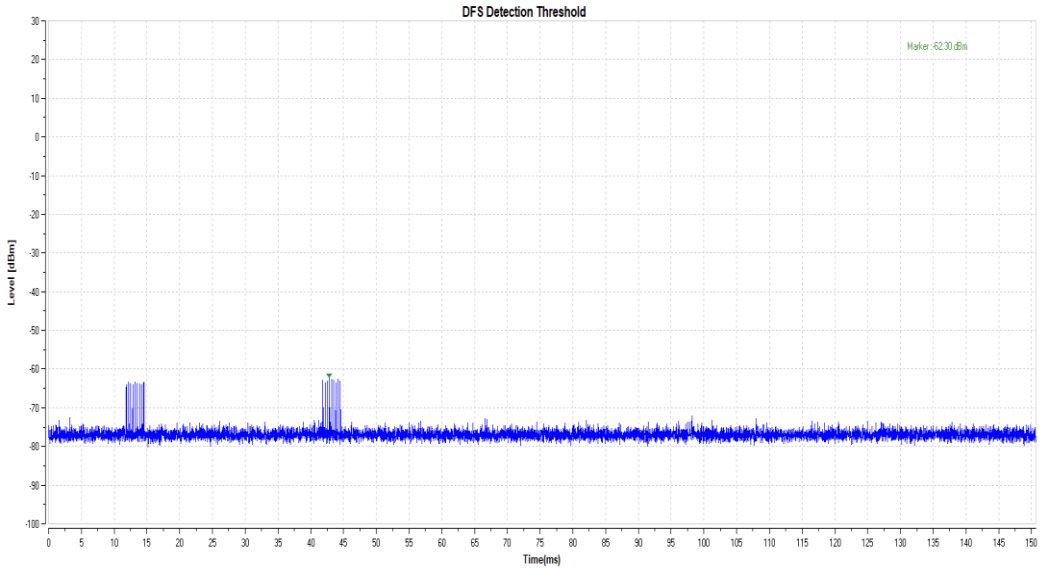


20M_5320_Type3



20M_5320_Type4



20M_5320_Type5

20M_5320_Type6

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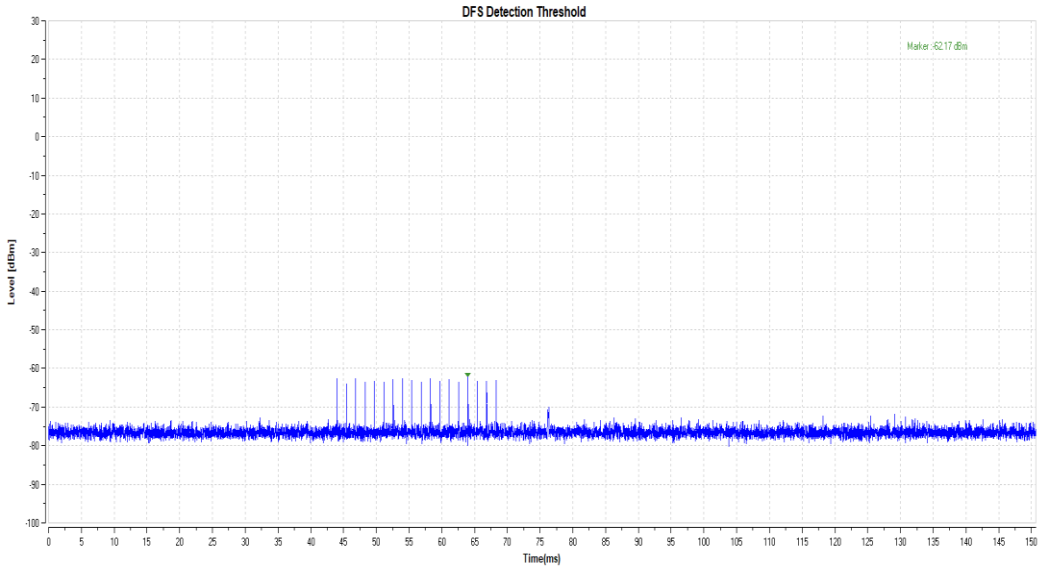
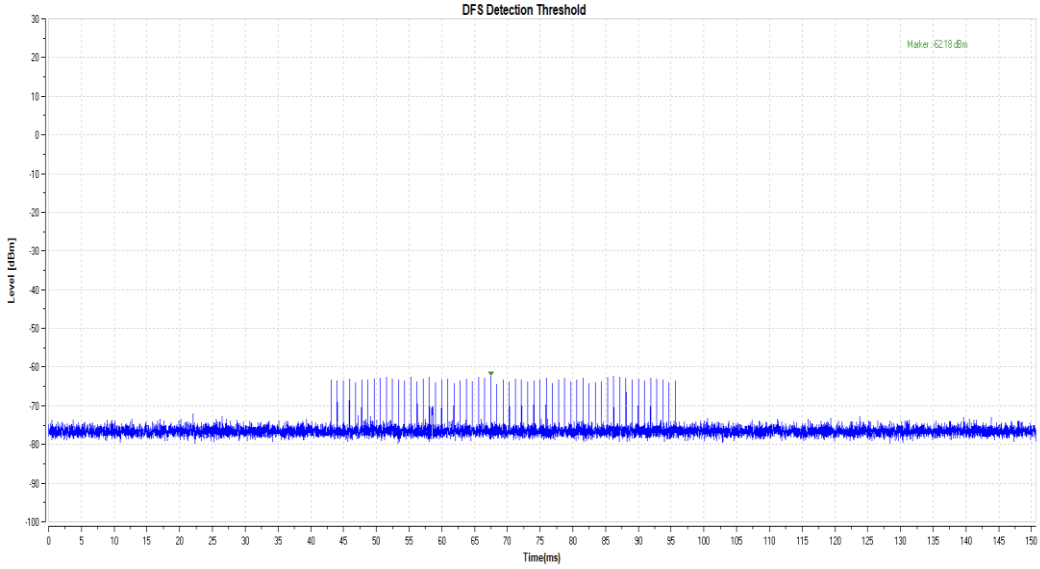
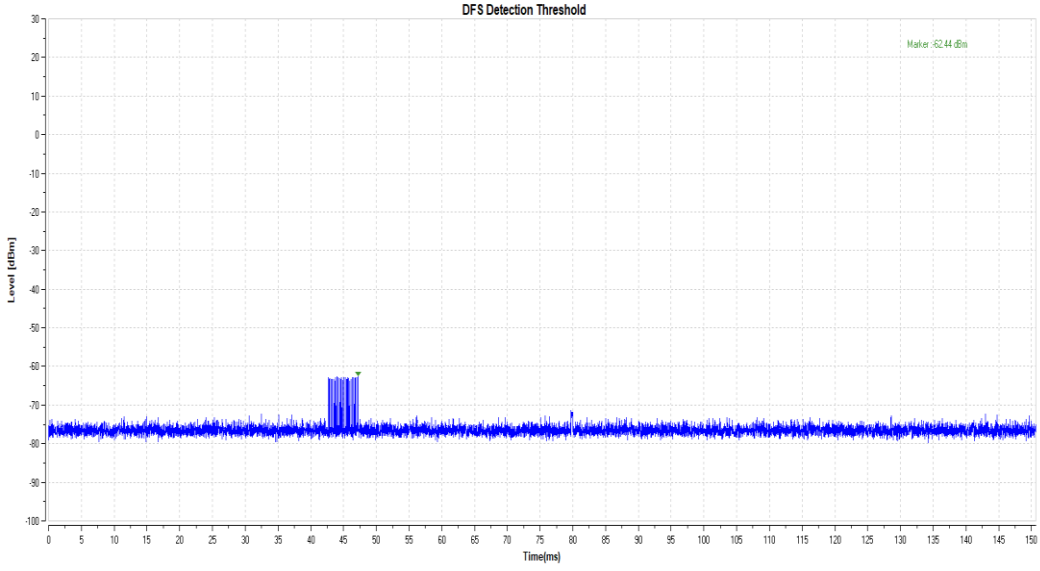
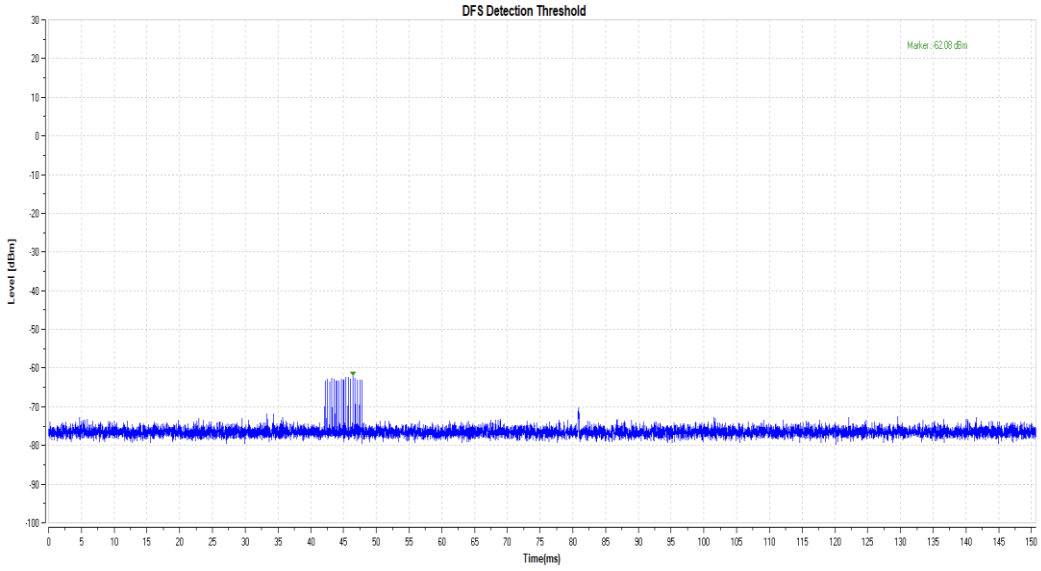
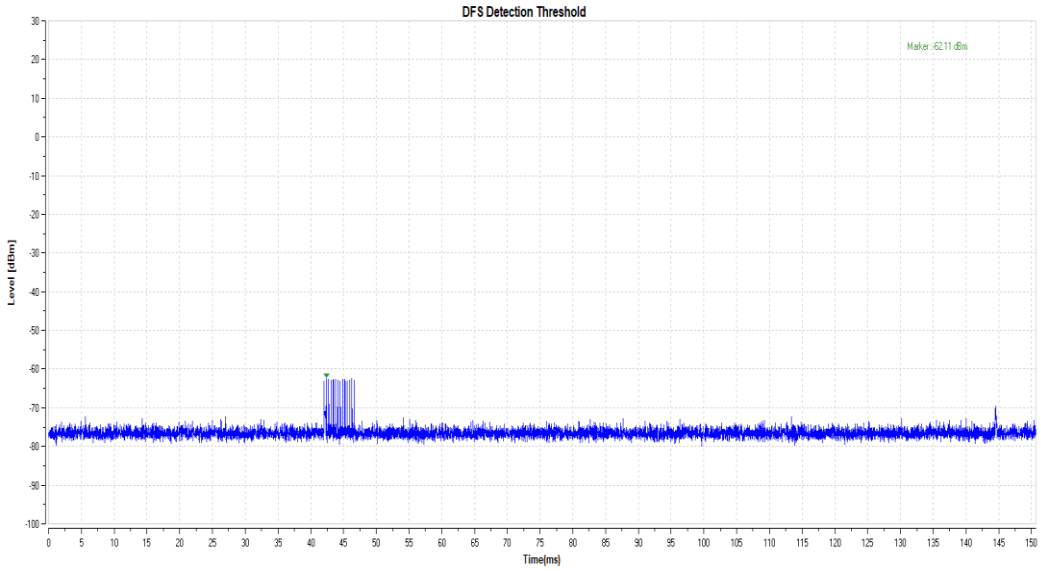


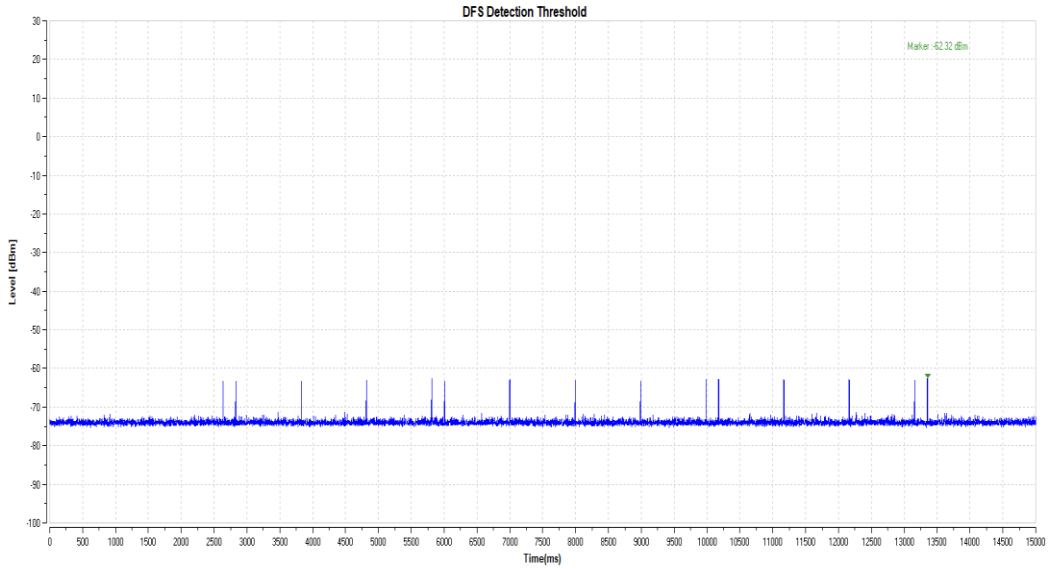
20M_5500_Type1



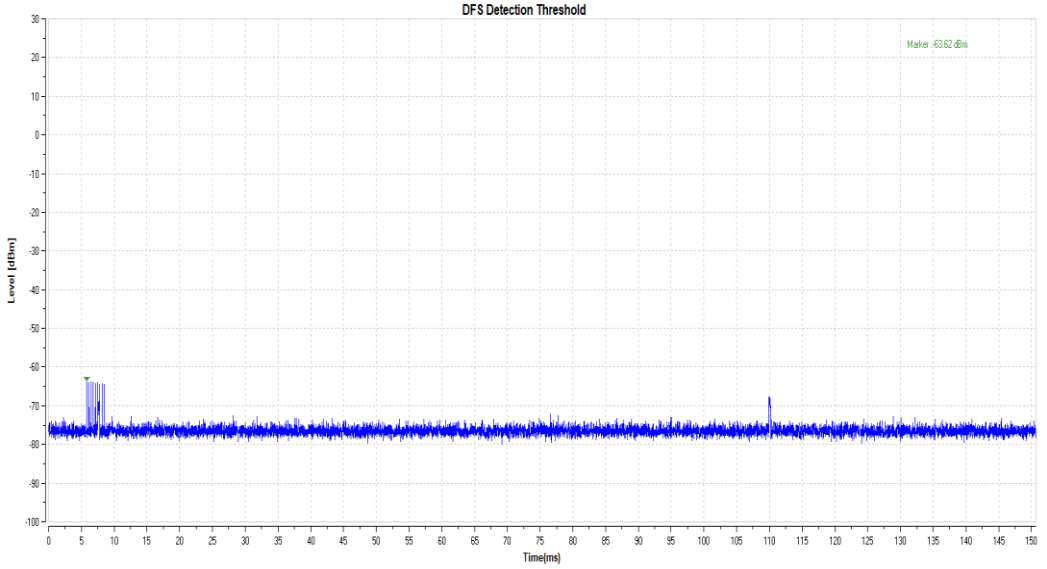
20M_5500_Type2



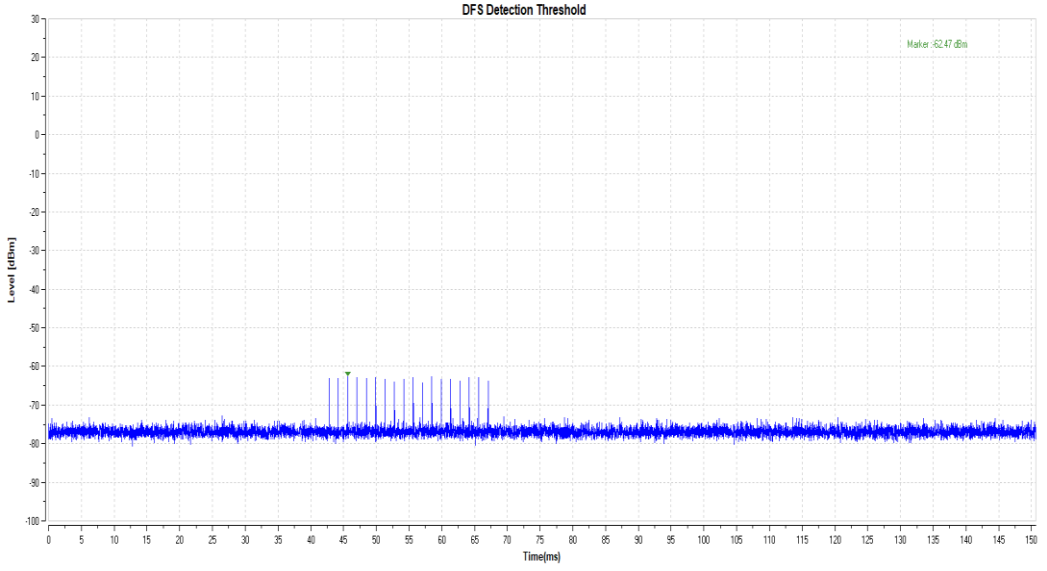
20M_5500_Type3

20M_5500_Type4

20M_5500_Type5

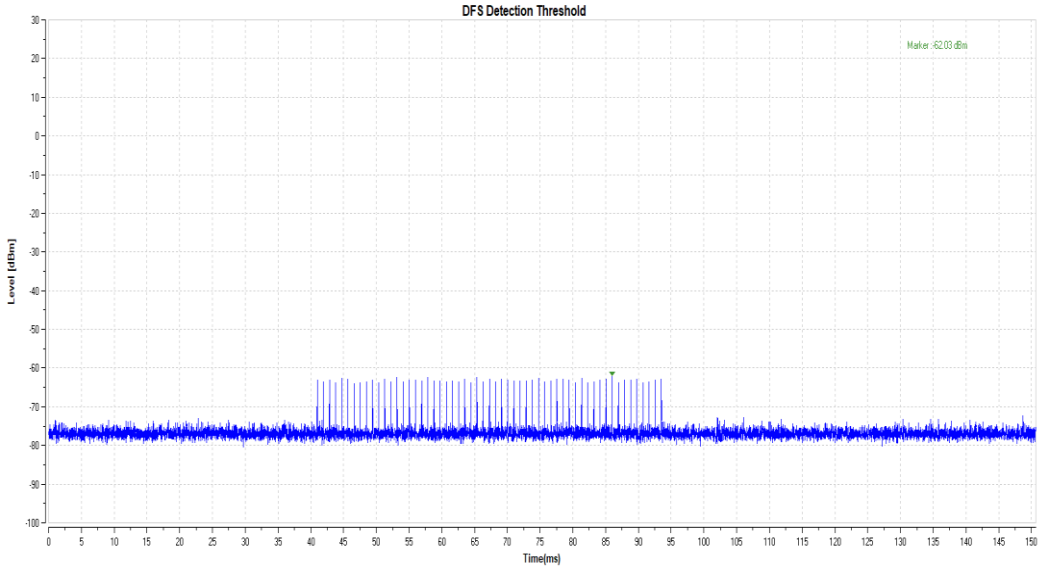


20M_5500_Type6



40M_5310_Type0



40M_5310_Type1

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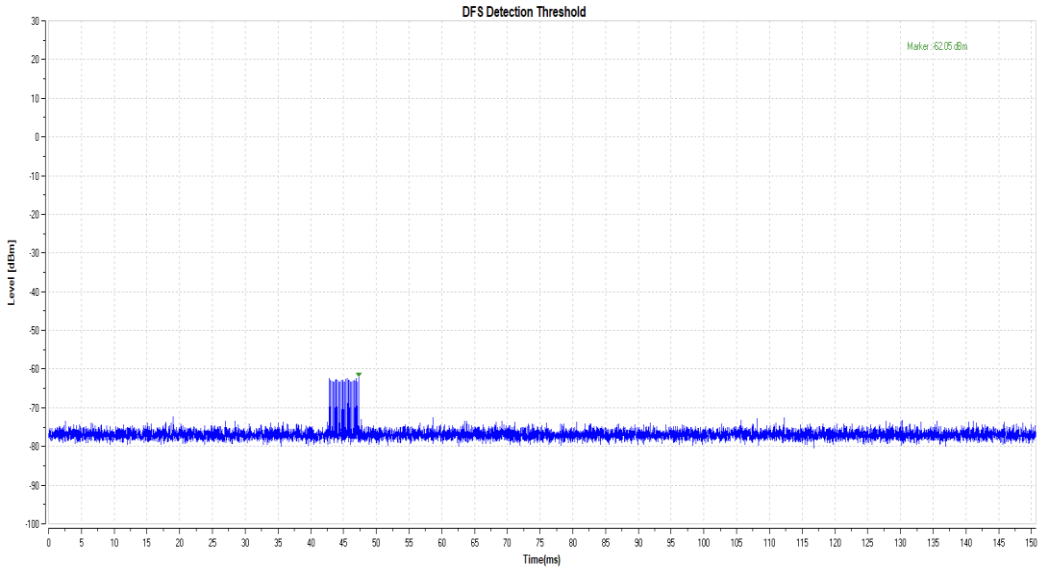
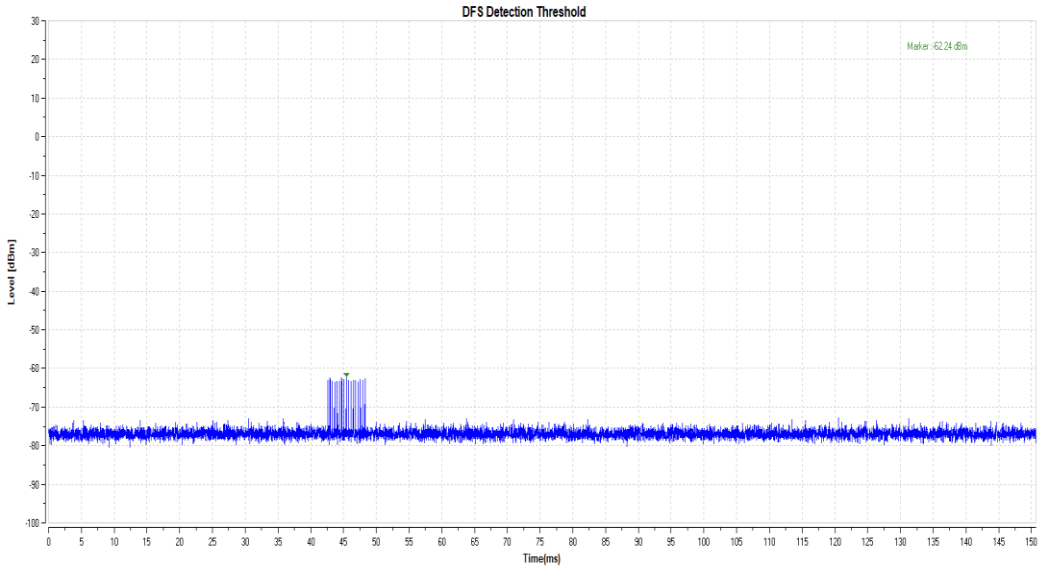
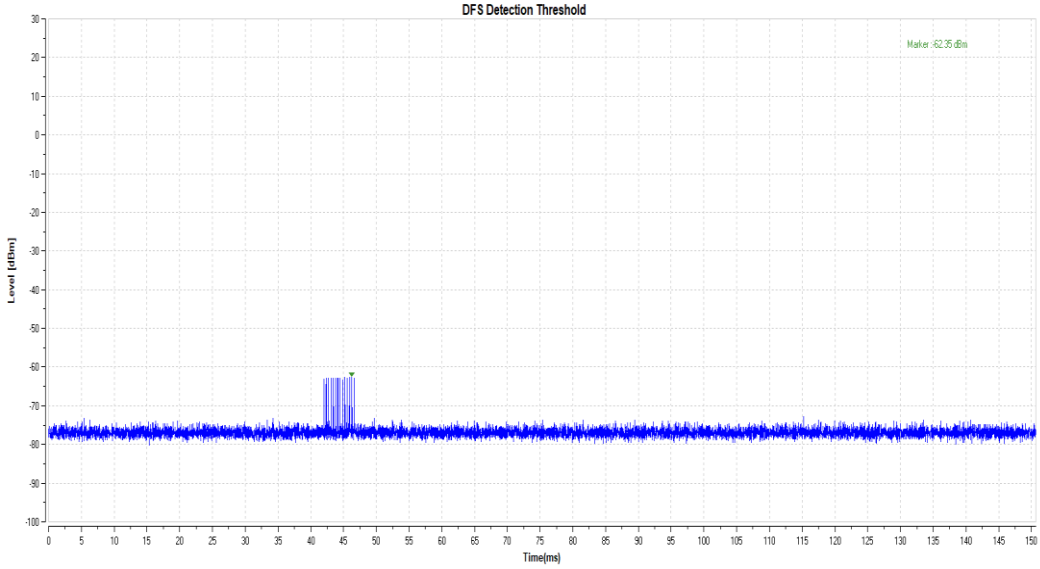
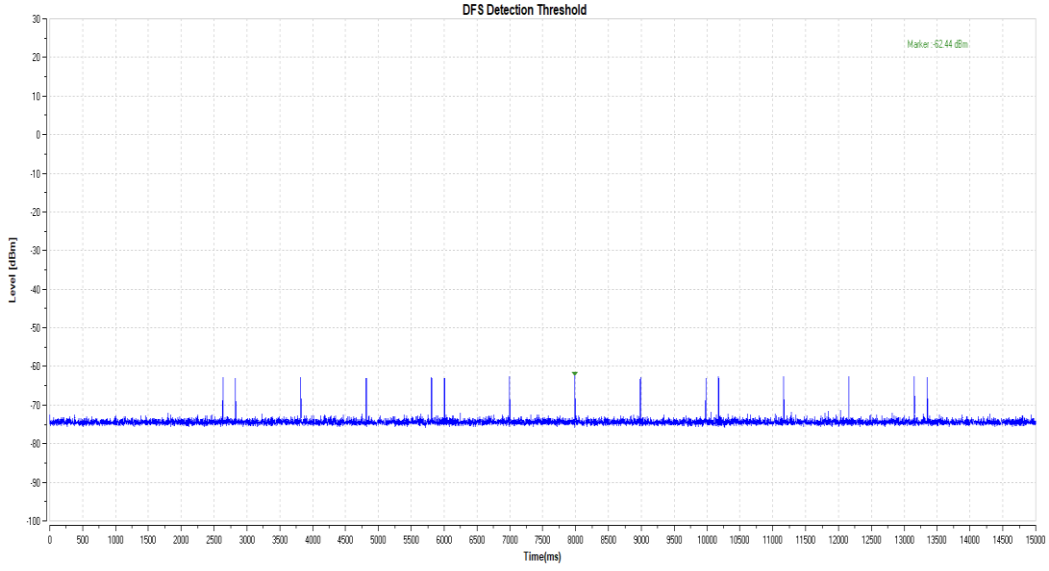

40M_5310_Type3



40M_5310_Type4



40M_5310_Type5



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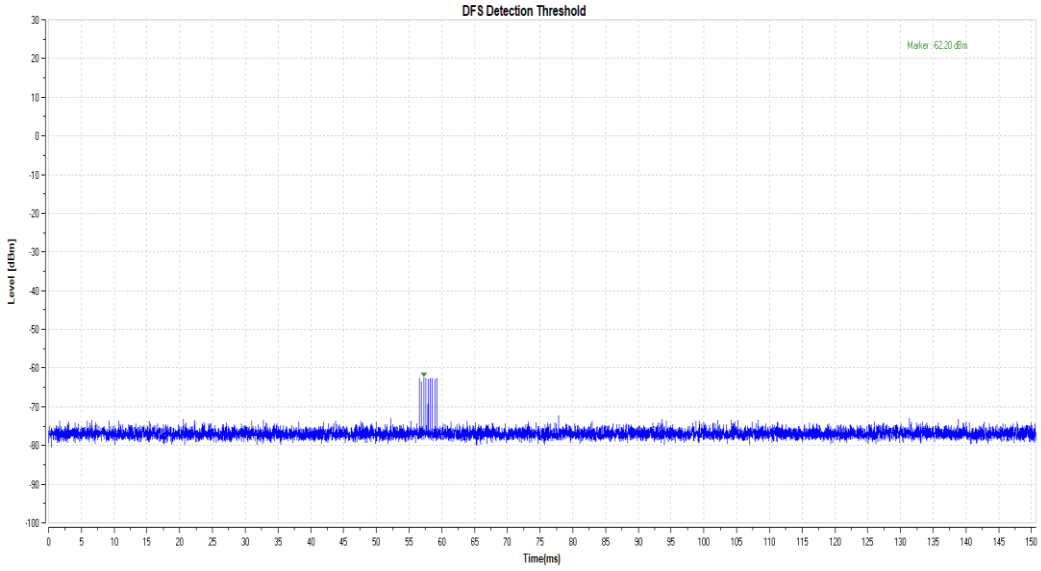
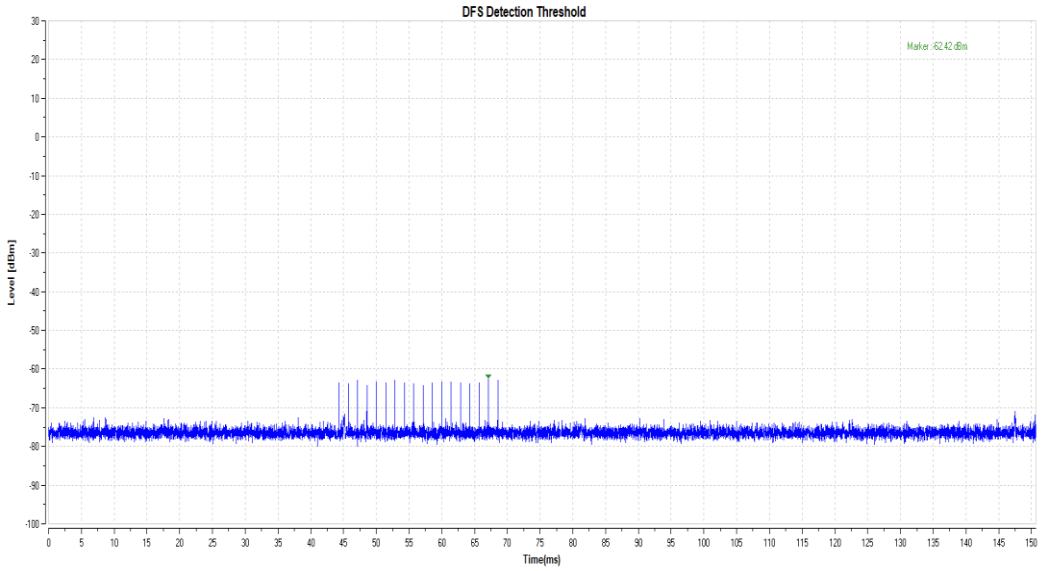

40M_5510_Type0

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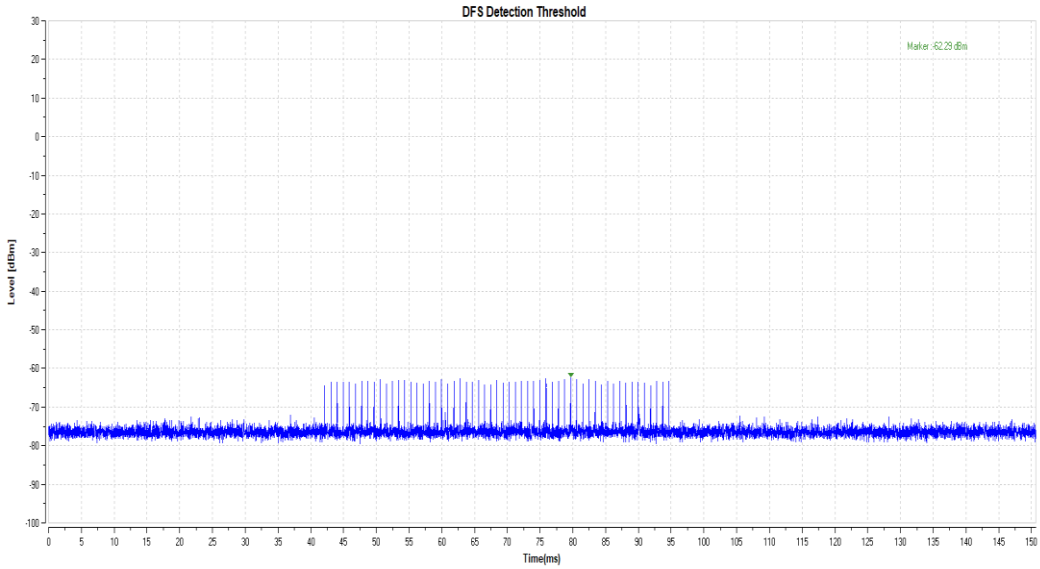
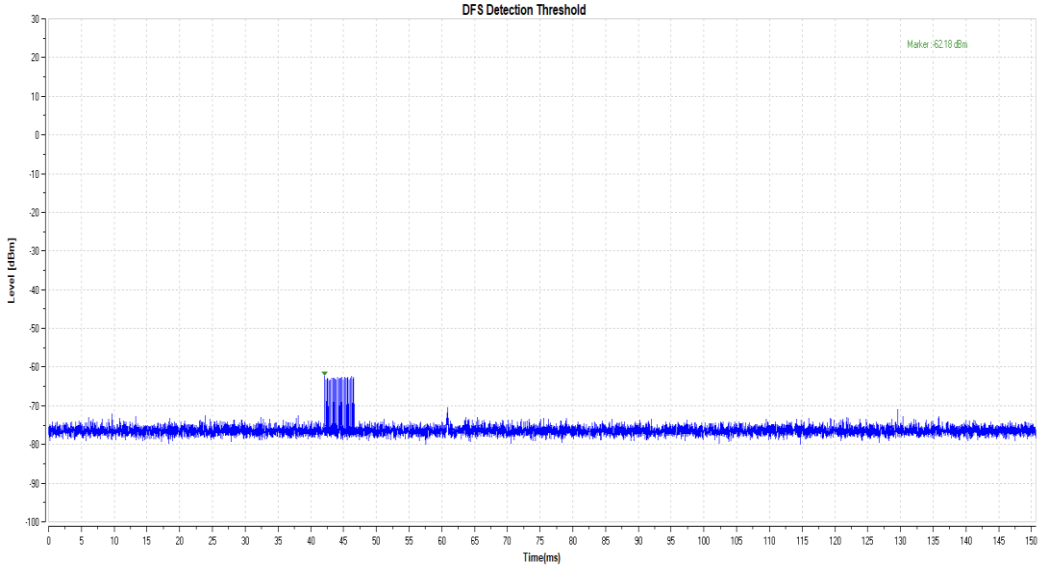
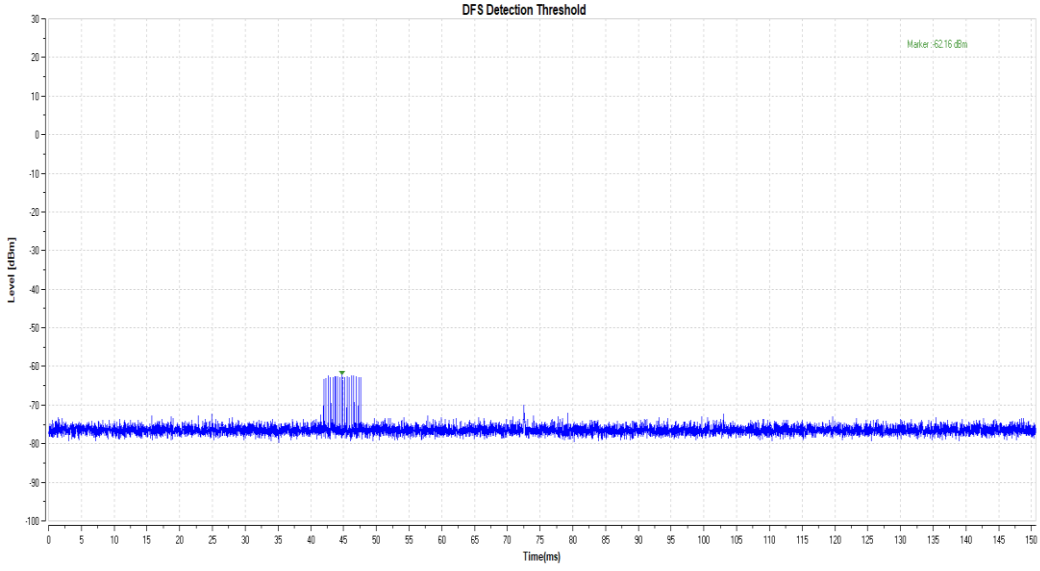
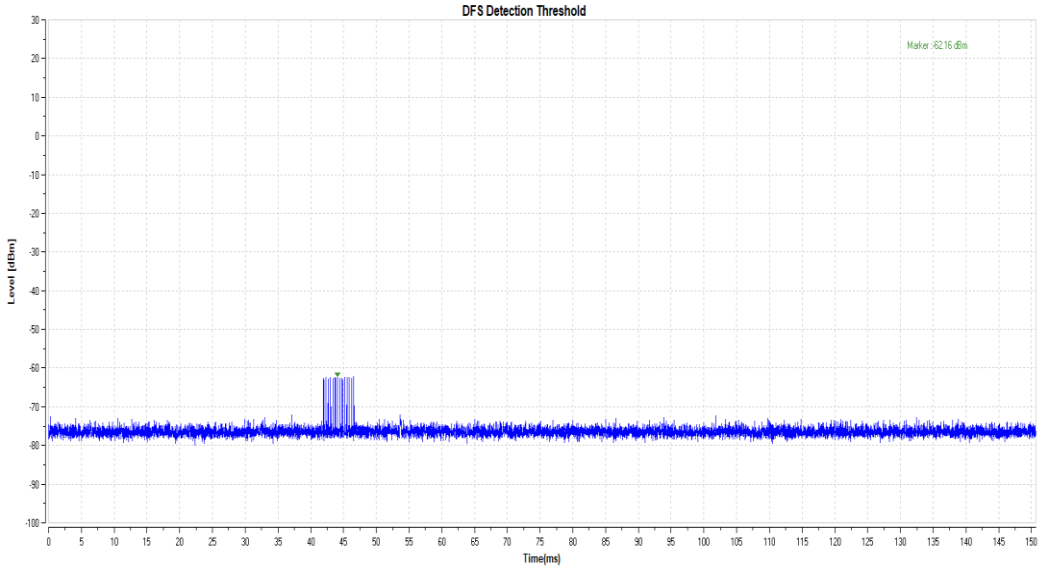
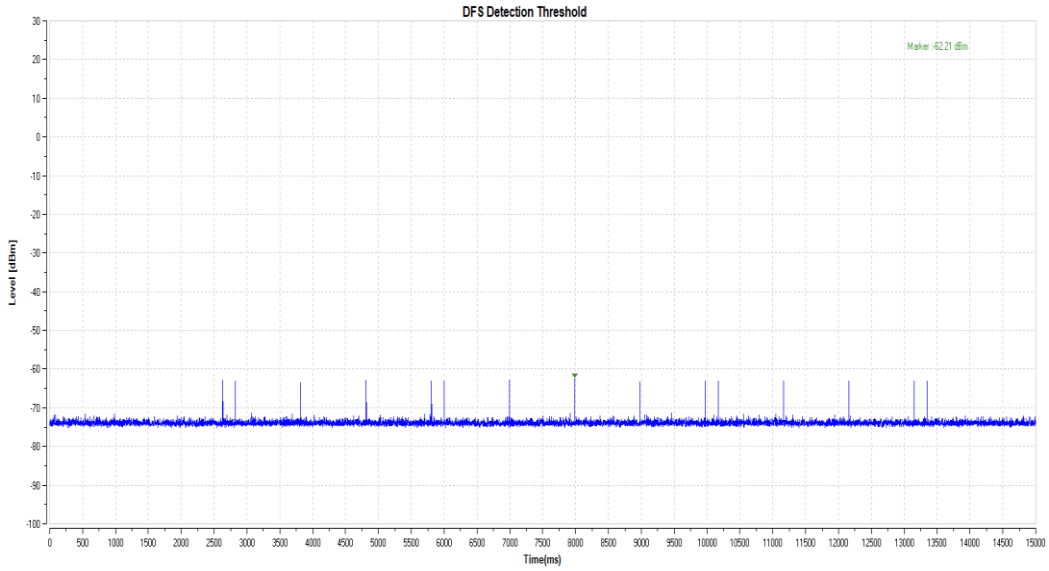


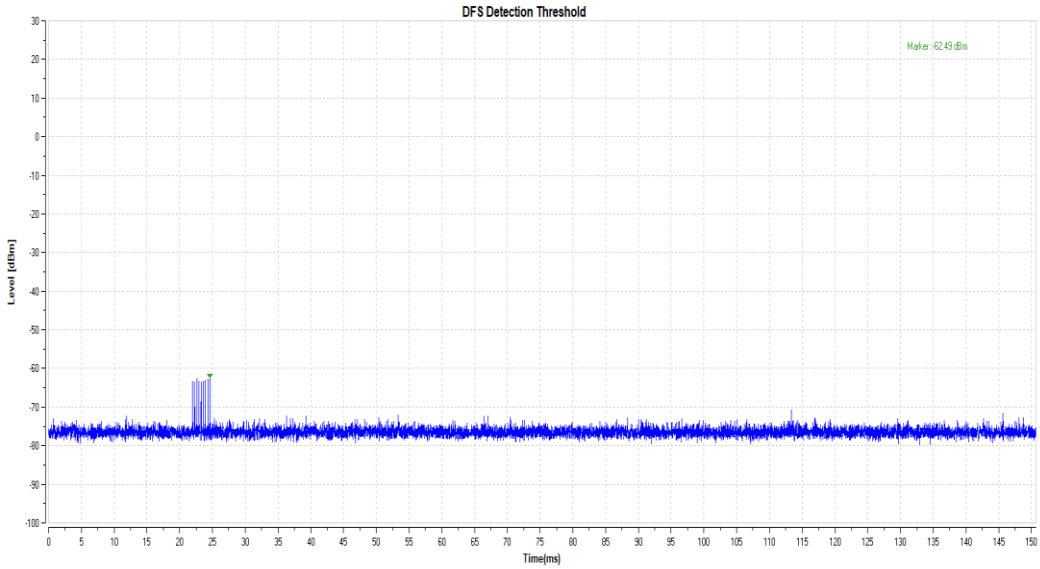
40M_5510_Type2



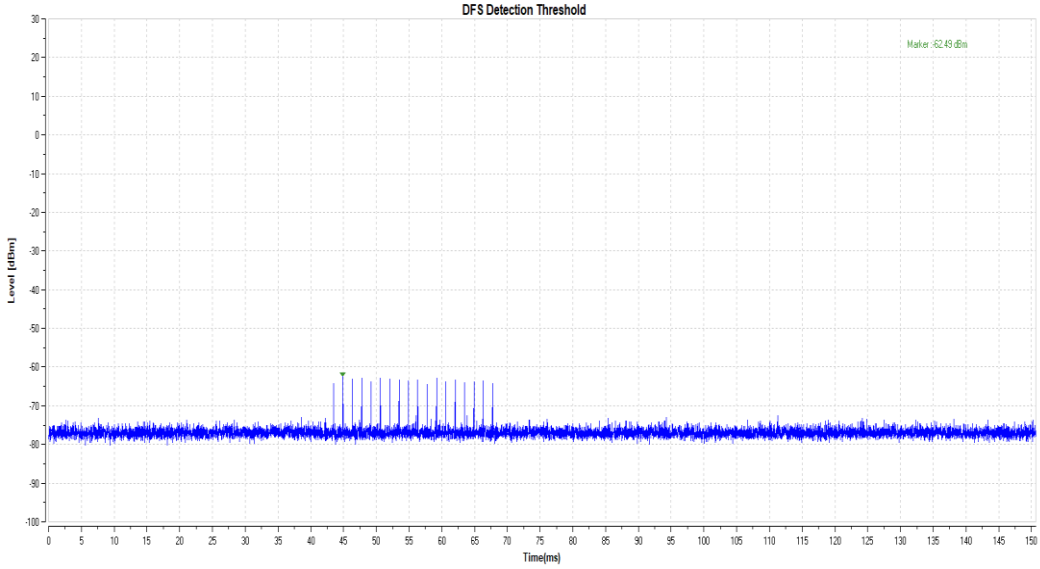
40M_5510_Type3



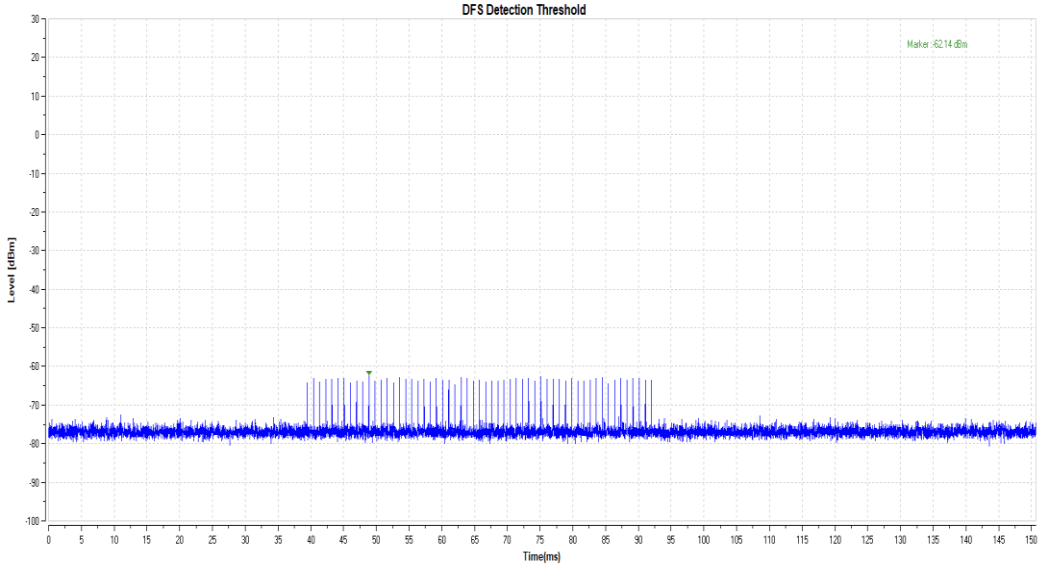
40M_5510_Type4

40M_5510_Type5

40M_5510_Type6



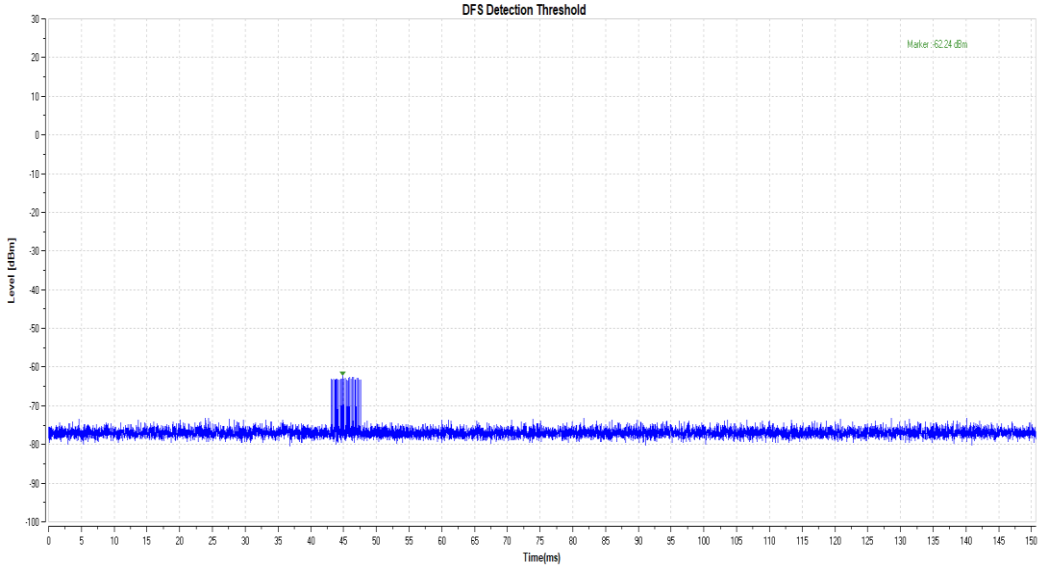
80M_5290_Type0



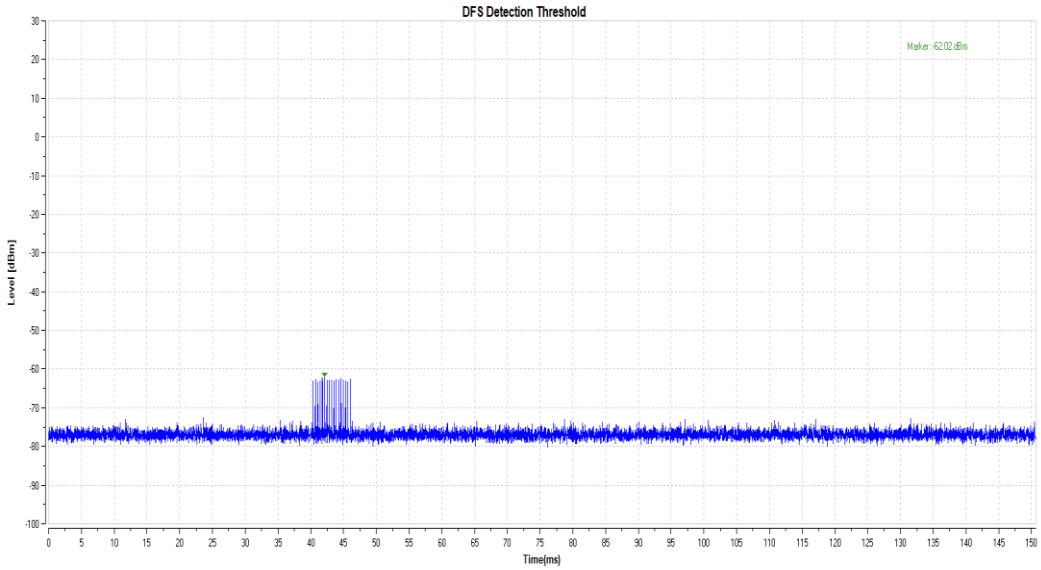
80M_5290_Type1



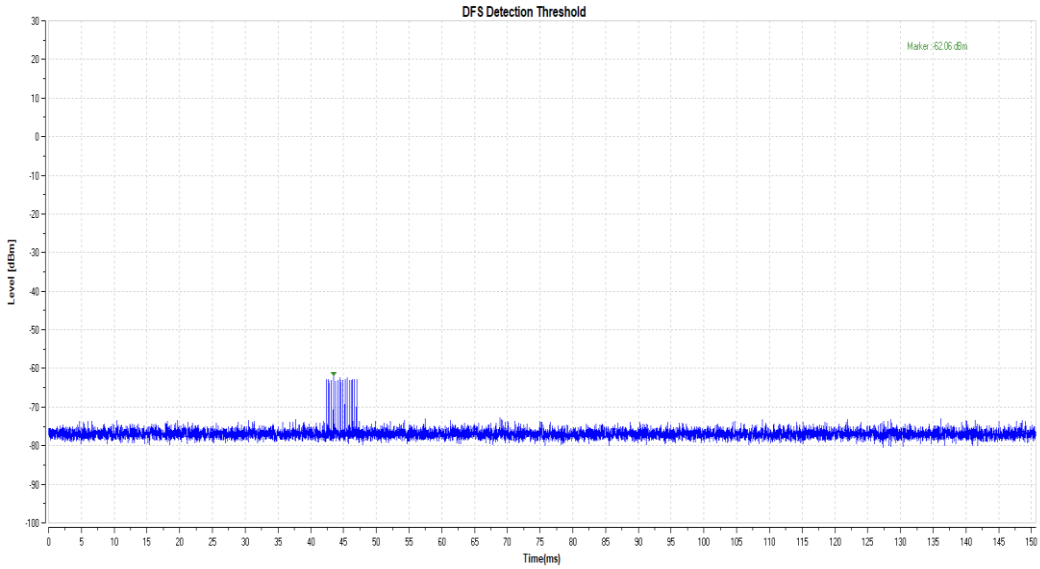
80M_5290_Type2



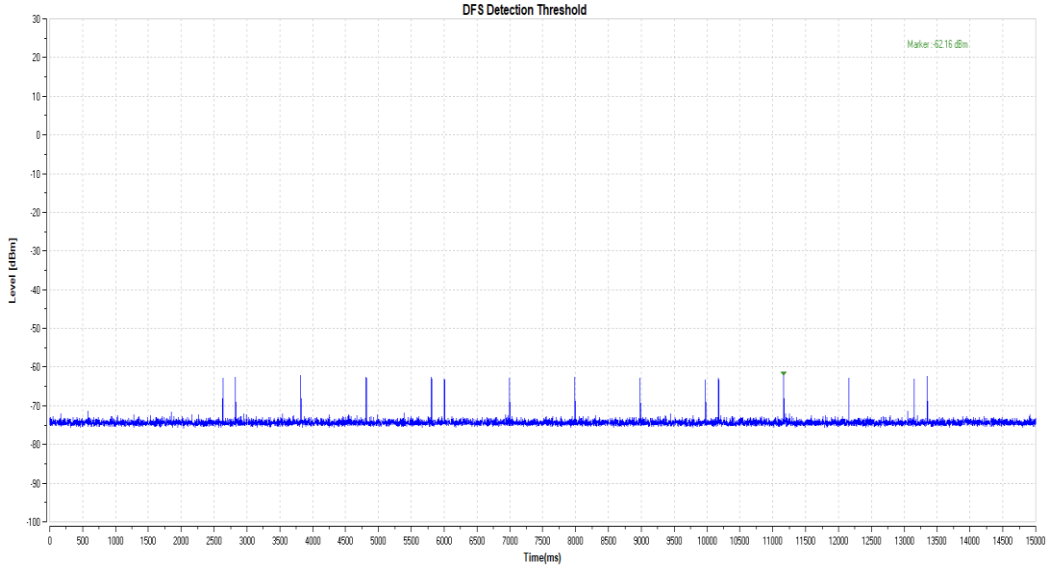
80M_5290_Type3



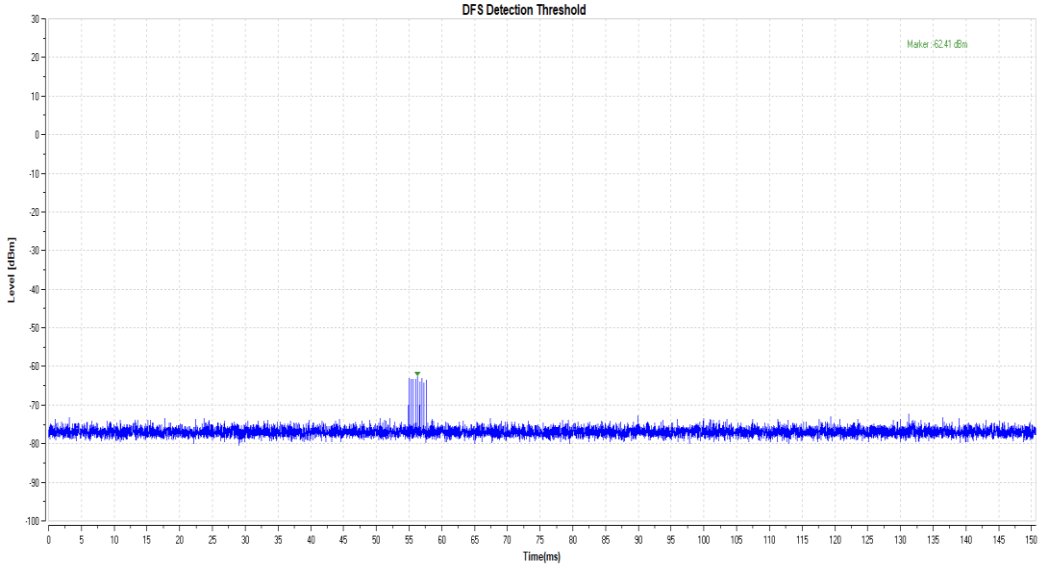
80M_5290_Type4



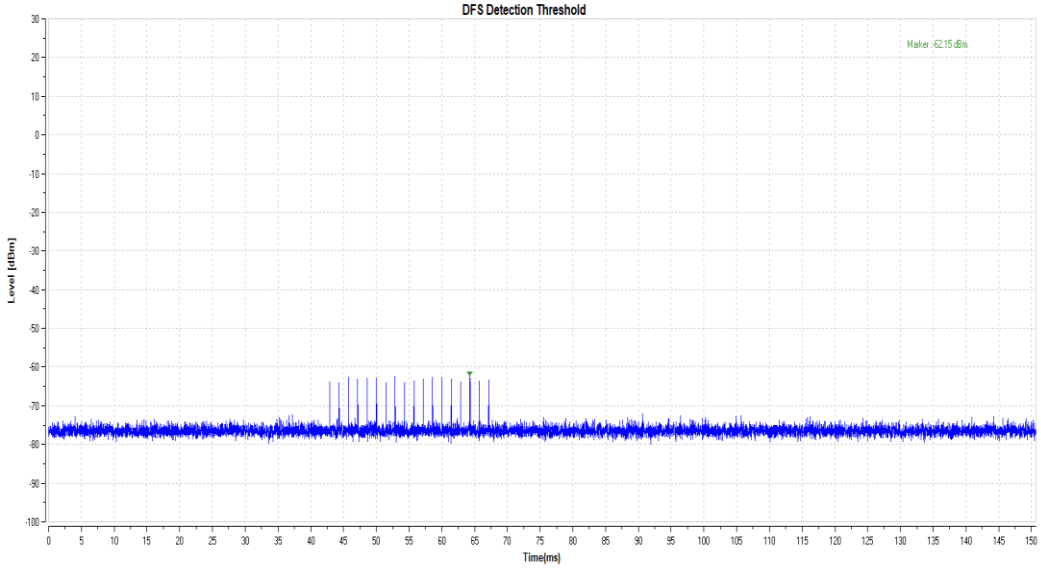
80M_5290_Type5



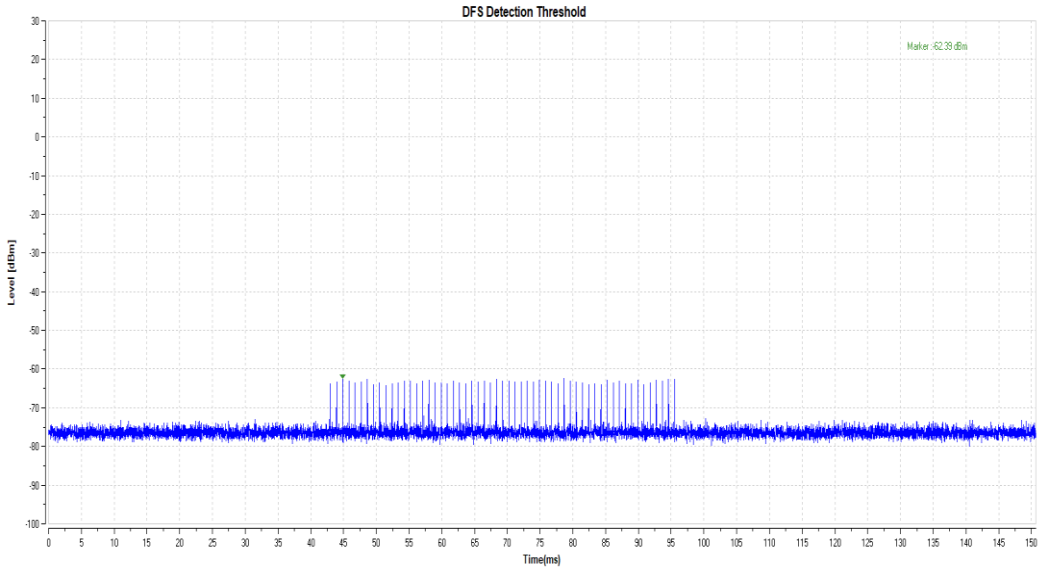
80M_5290_Type6



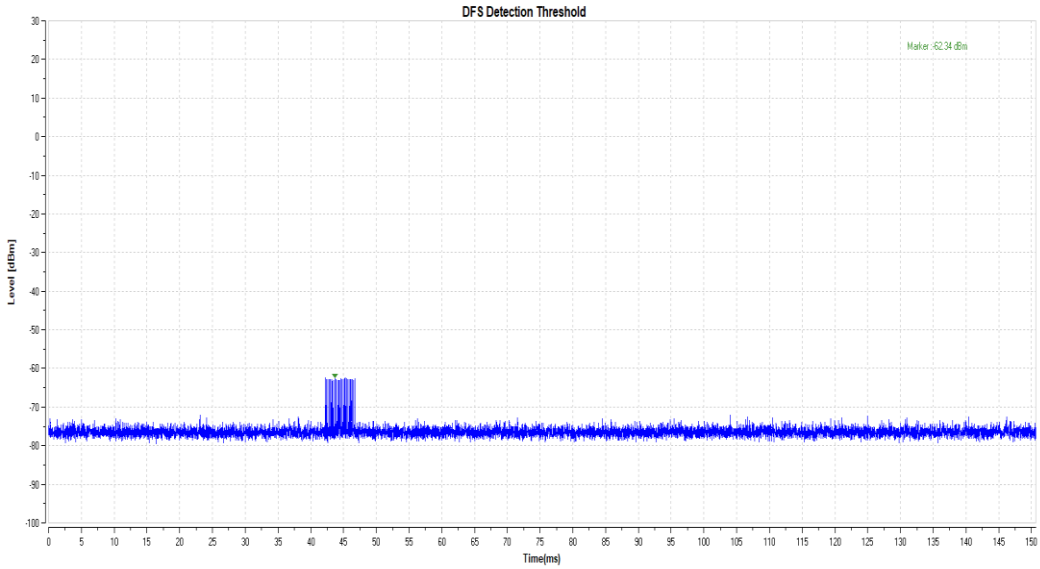
80M_5530_Type0



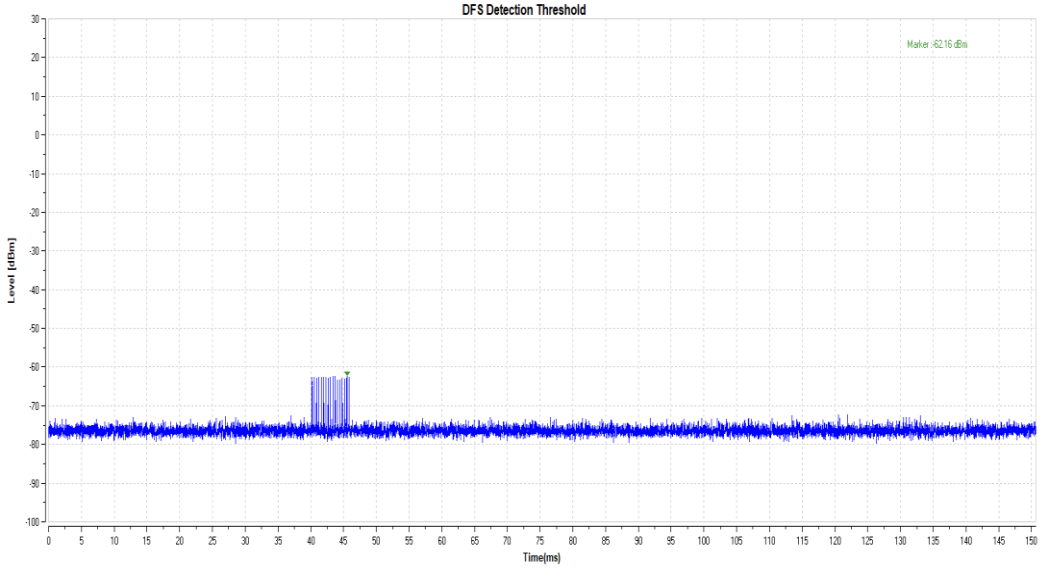
80M_5530_Type1



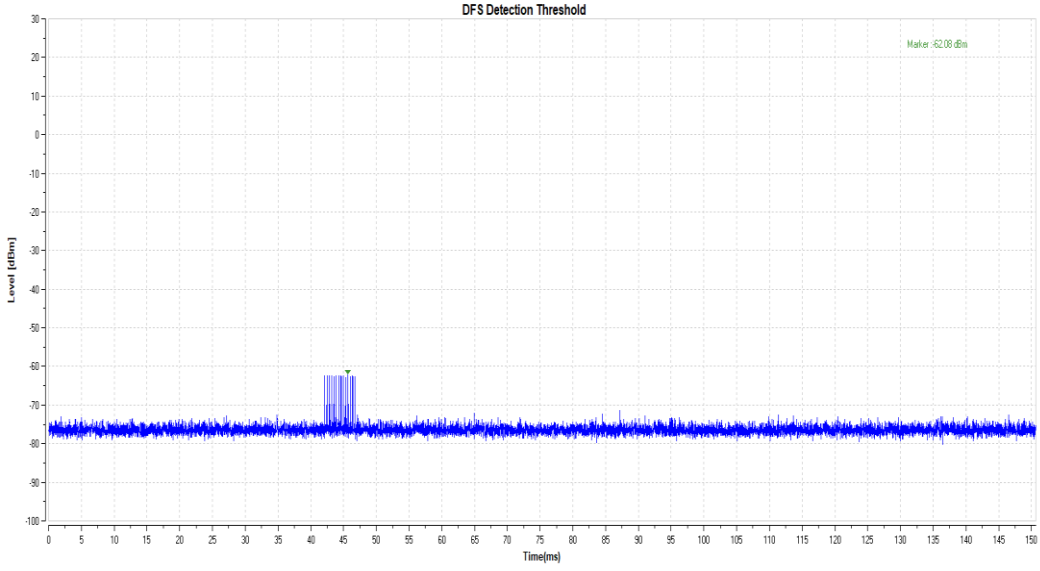
80M_5530_Type2

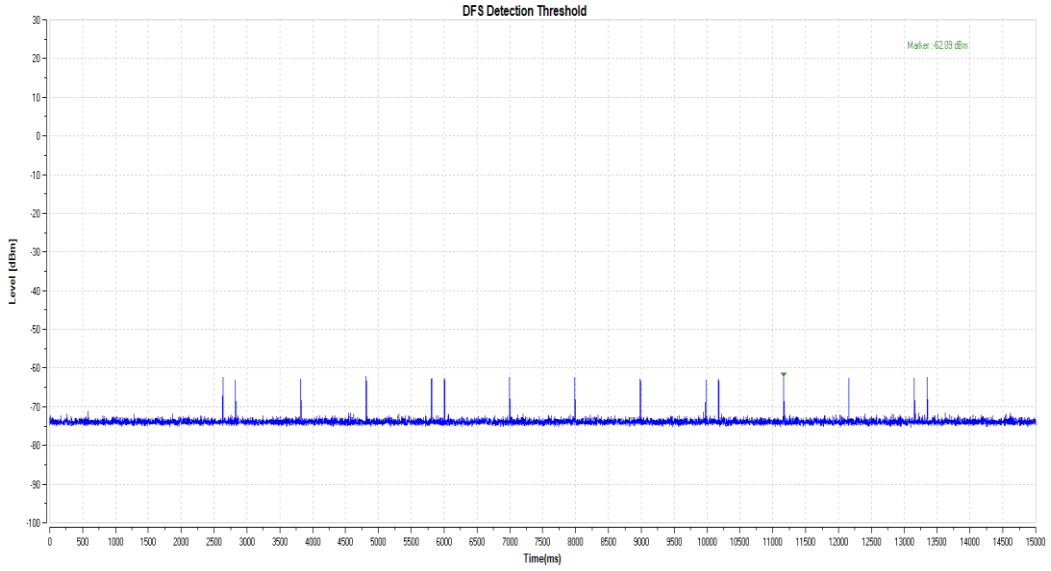
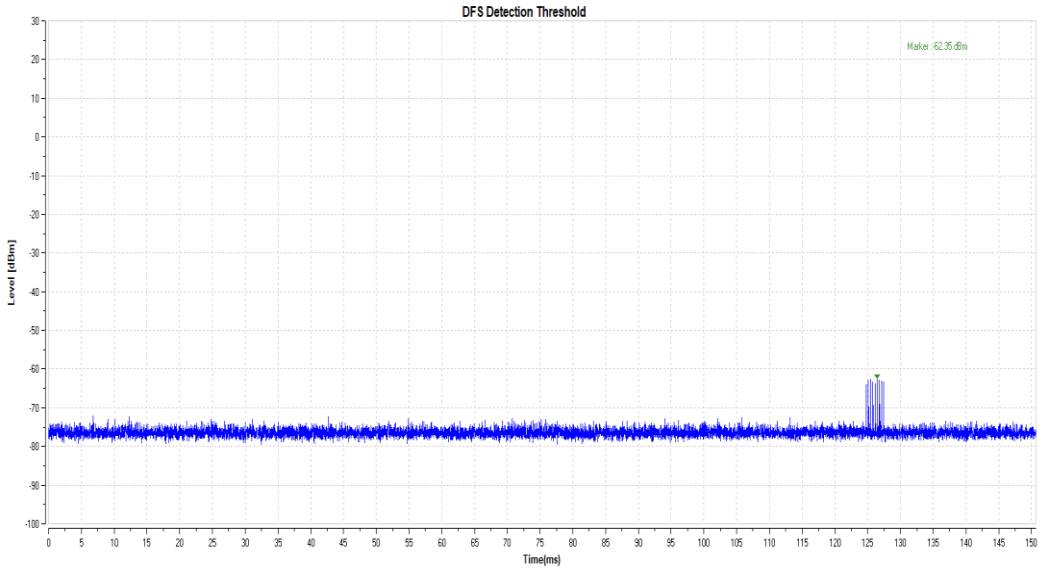


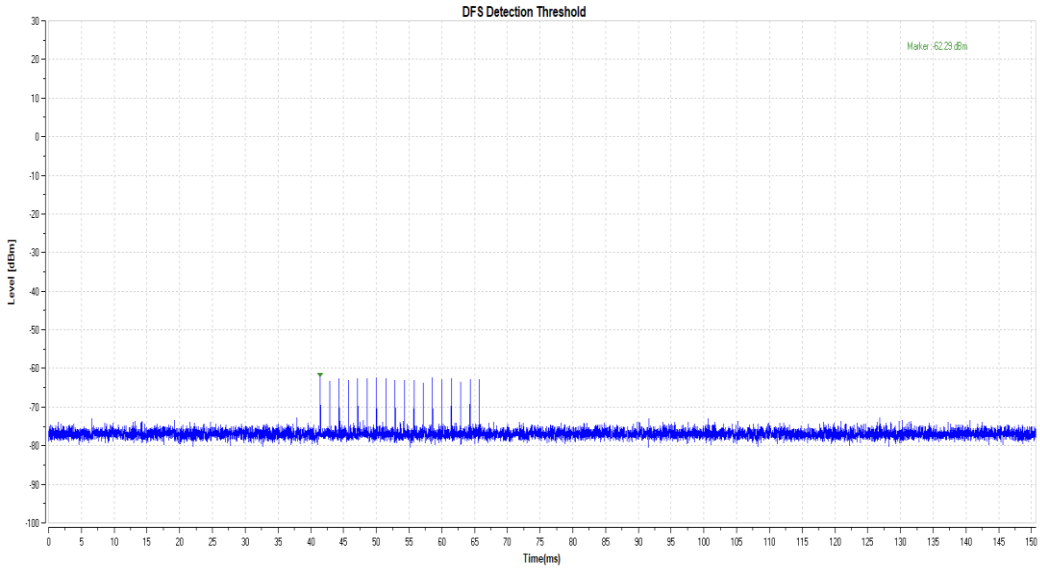
80M_5530_Type3



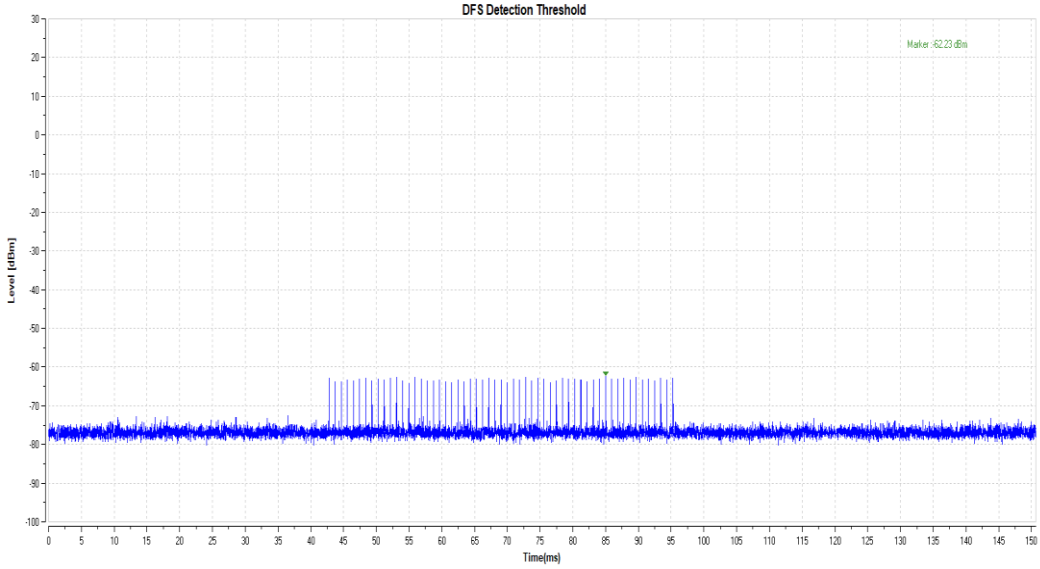
80M_5530_Type4



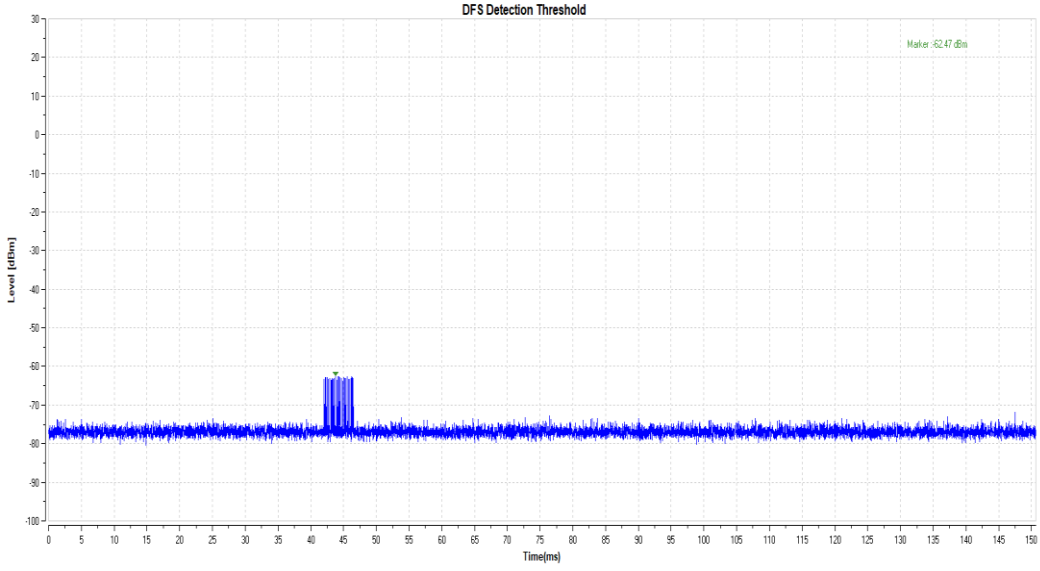
80M_5530_Type5

80M_5530_Type6

160M_5250_Type0



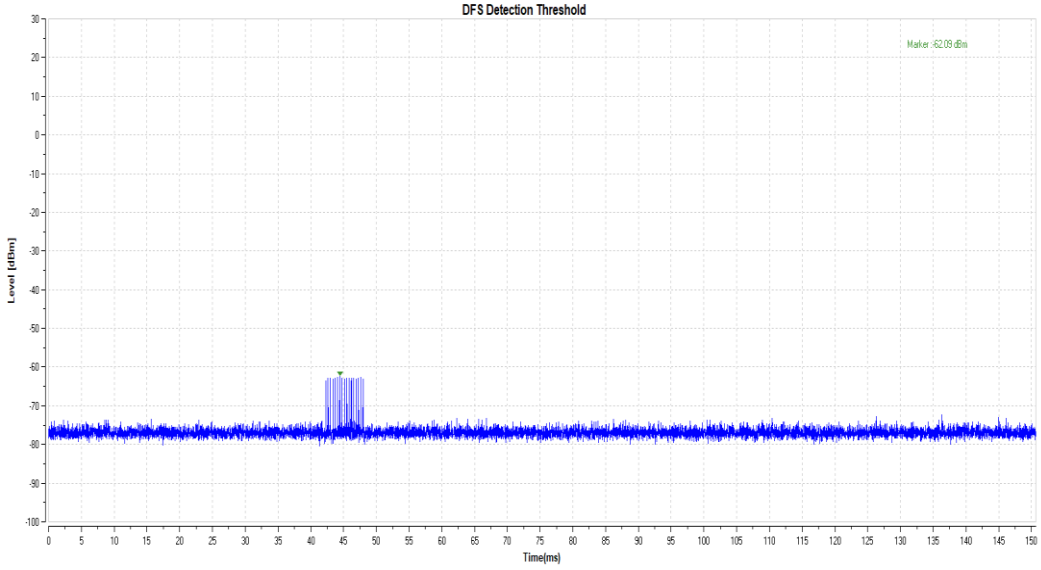
160M_5250_Type1



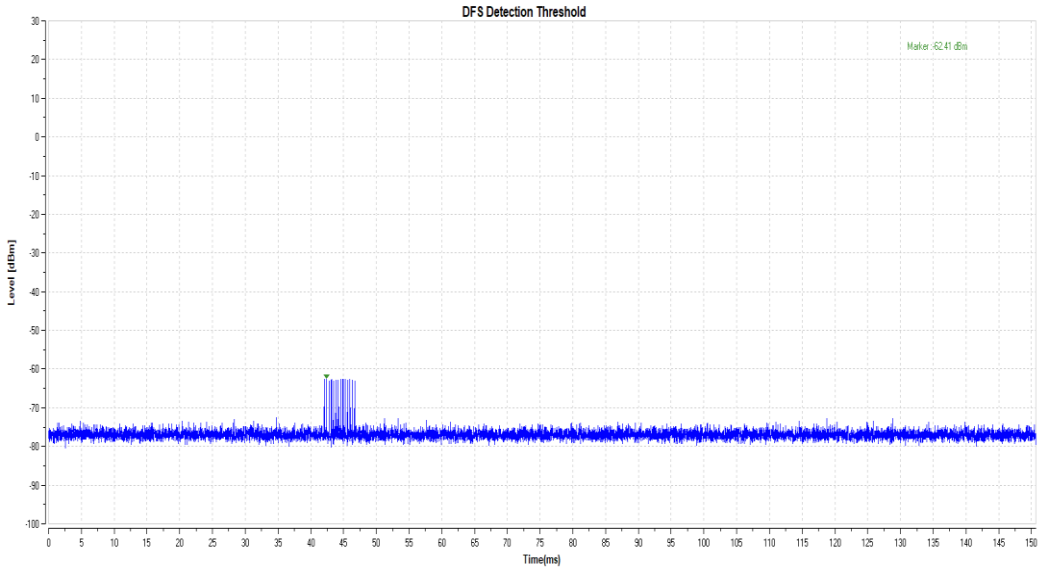
160M_5250_Type2



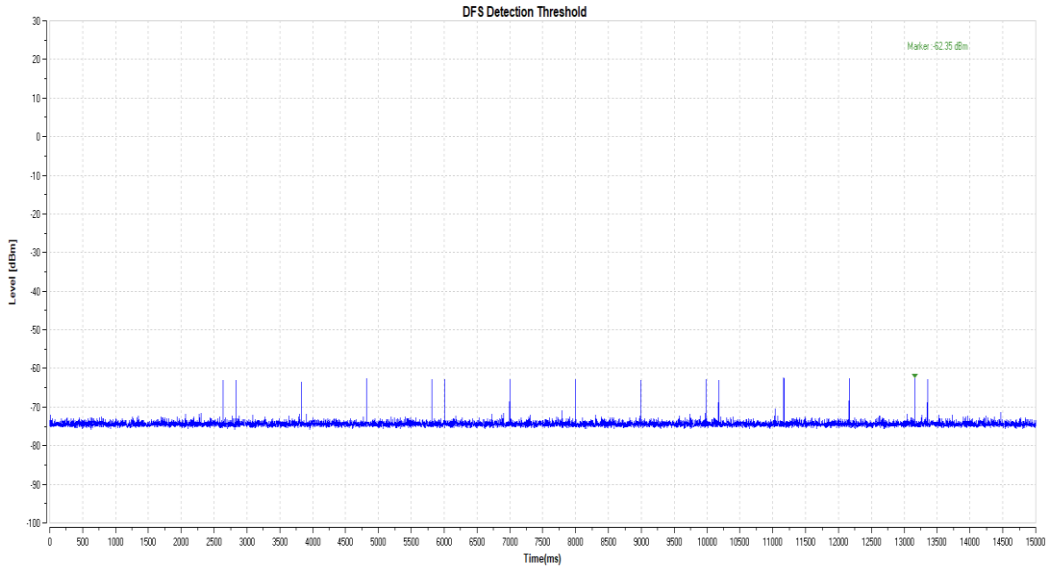
160M_5250_Type3



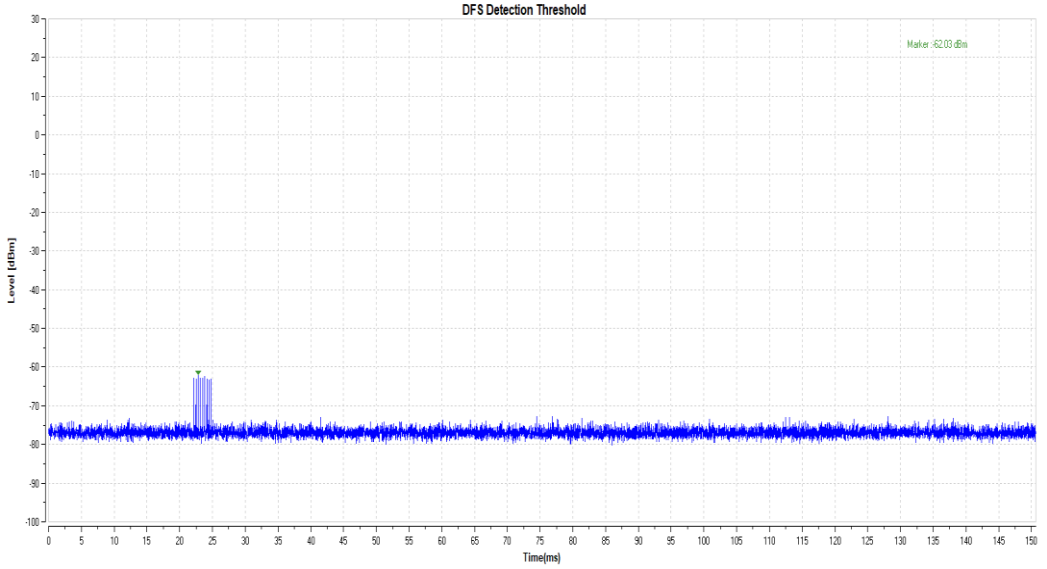
160M_5250_Type4



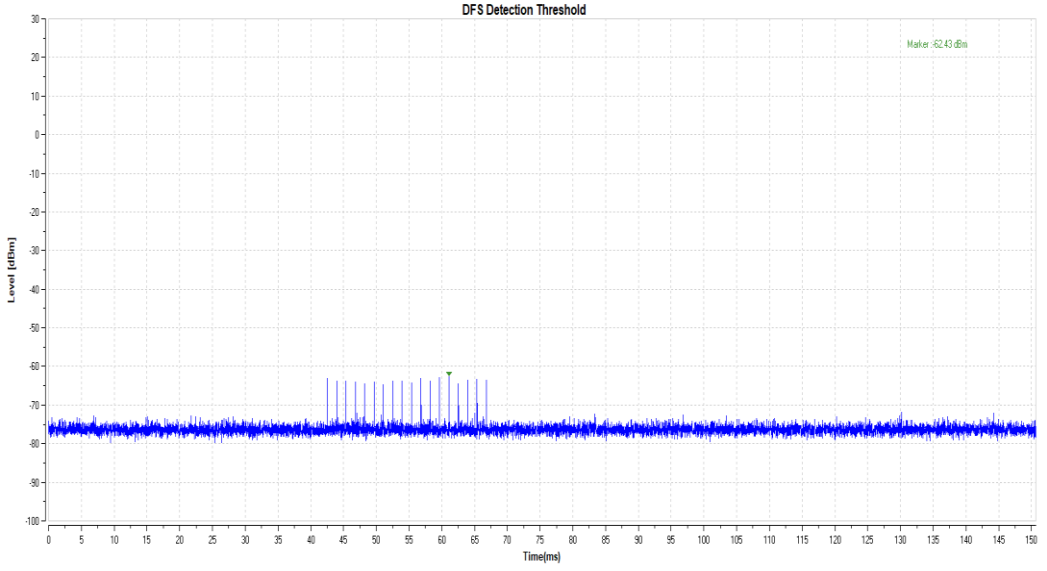
160M_5250_Type5



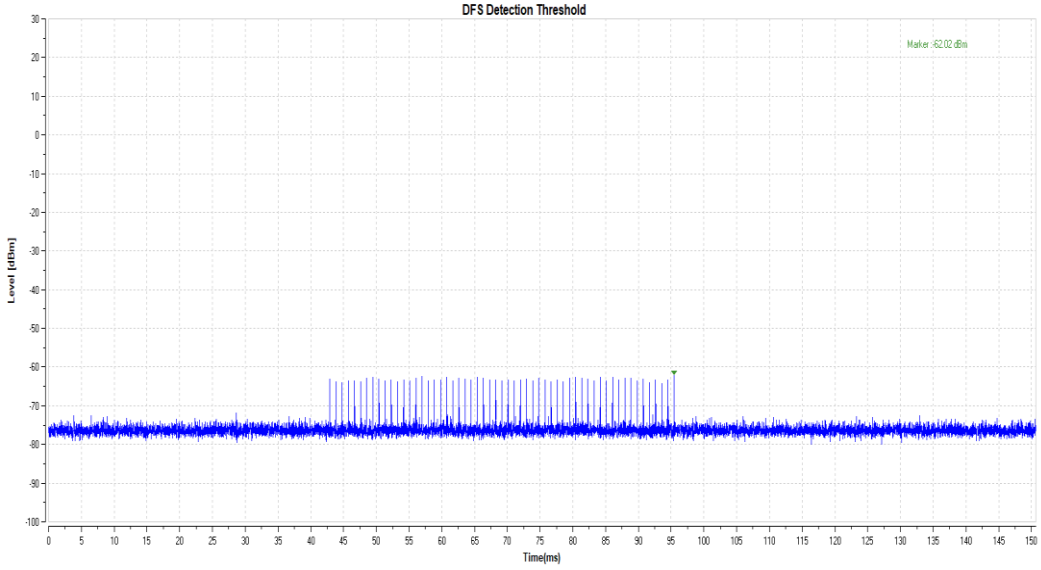
160M_5250_Type6



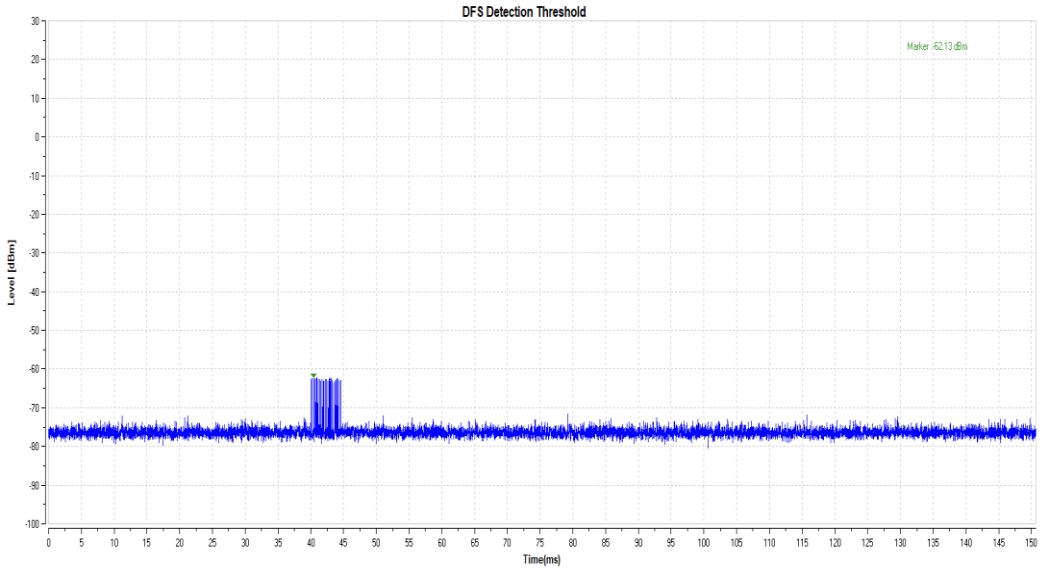
160M_5570_Type0



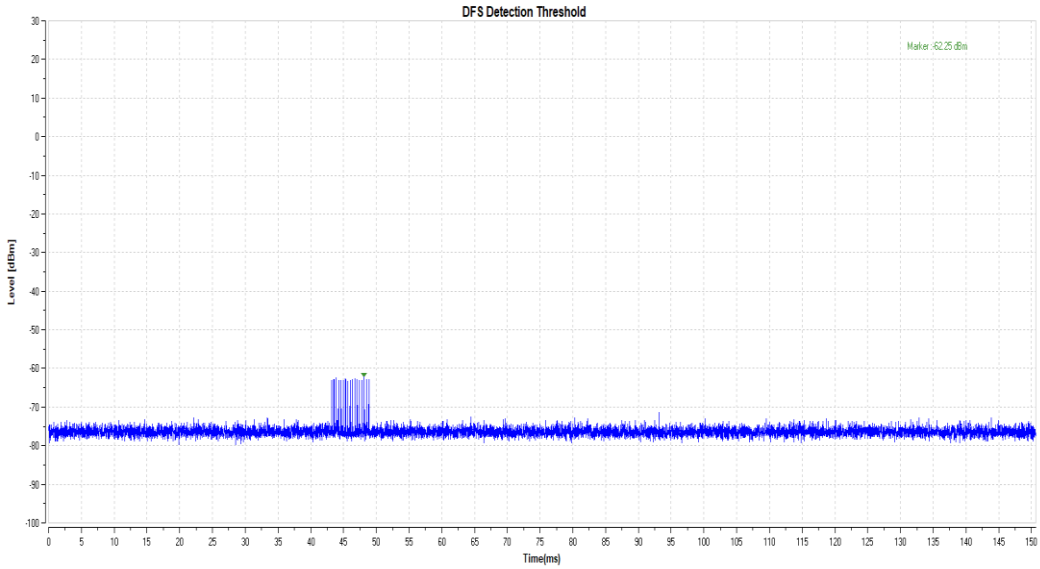
160M_5570_Type1



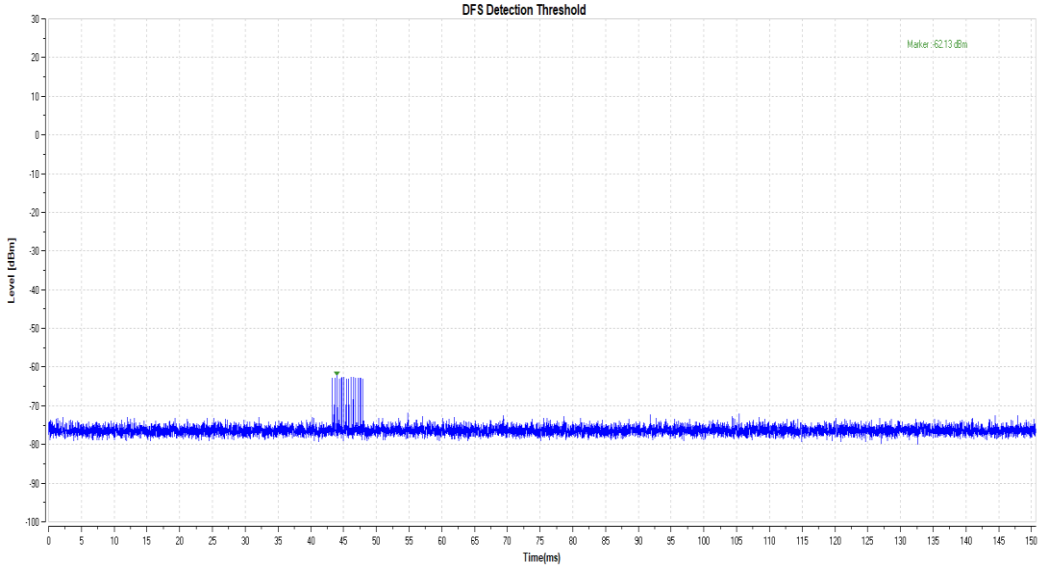
160M_5570_Type2



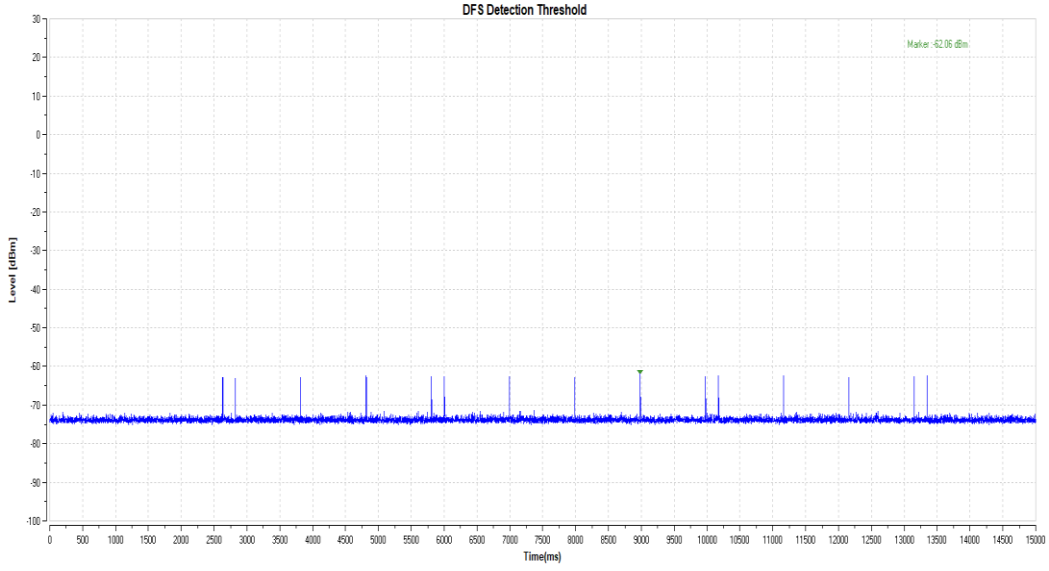
160M_5570_Type3



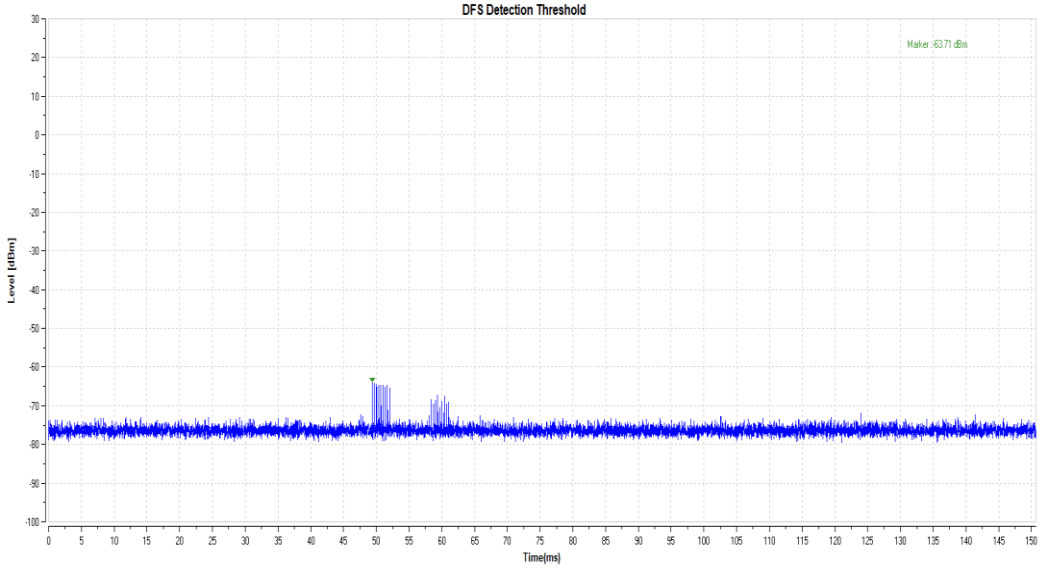
160M_5570_Type4



160M_5570_Type5



160M_5570_Type6

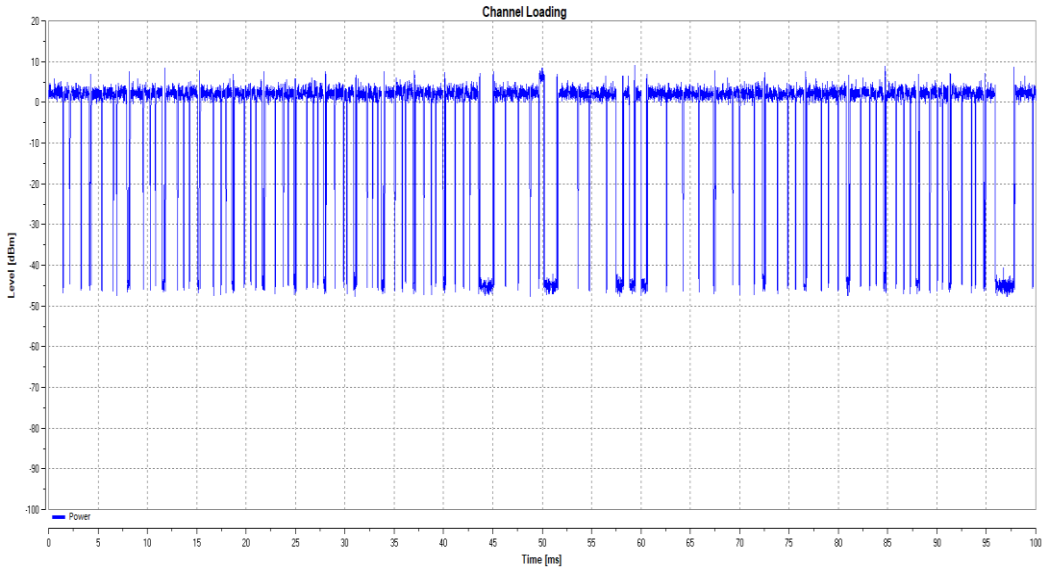
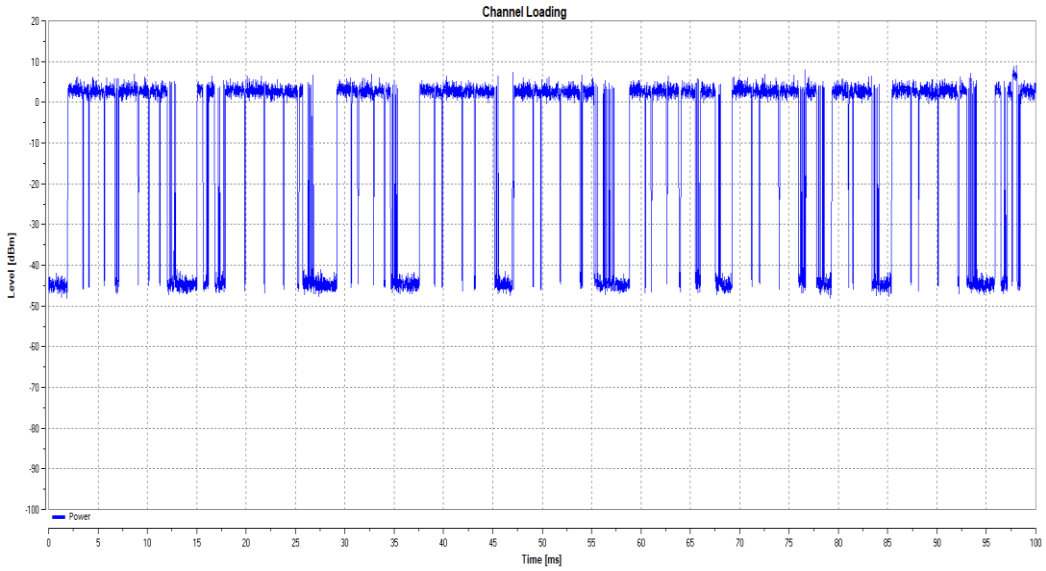


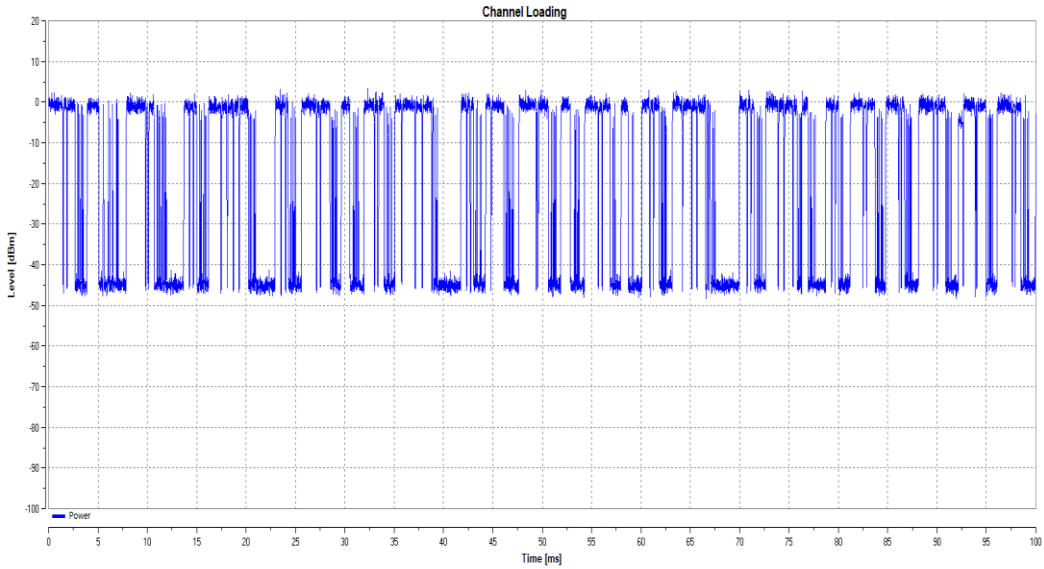
Channel Loading

Test Result

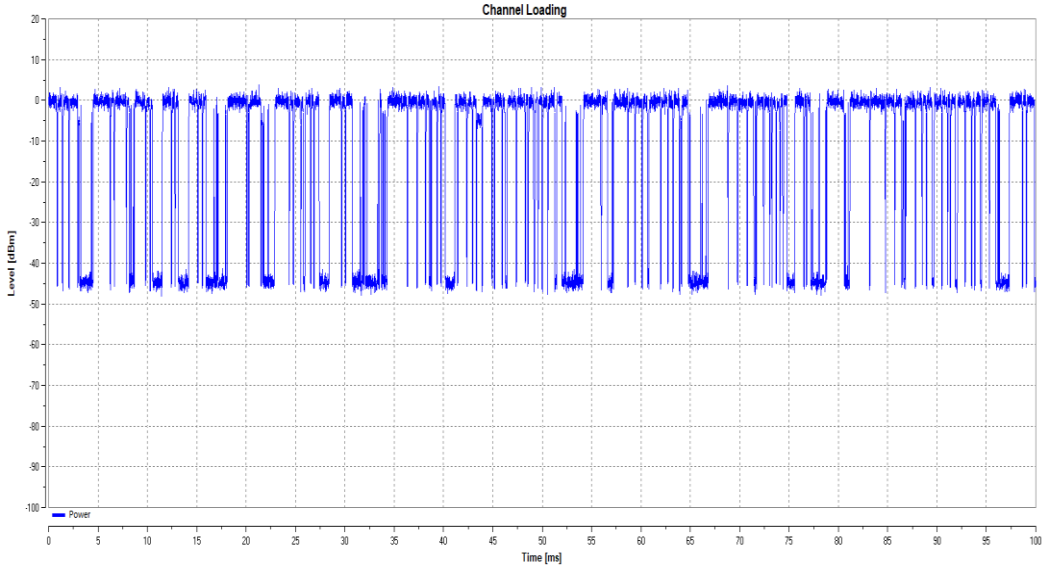
TestMode	Frequency[MHz]	Result	Limit [%]	Verdict
20M	5320	84.5	17	PASS
	5500	70.42	17	PASS
40M	5310	59.65	17	PASS
	5510	72.24	17	PASS
80M	5290	36.73	17	PASS
	5530	41.32	17	PASS
160M	5250	33.83	17	PASS
	5570	33.71	17	PASS

Test Graphs

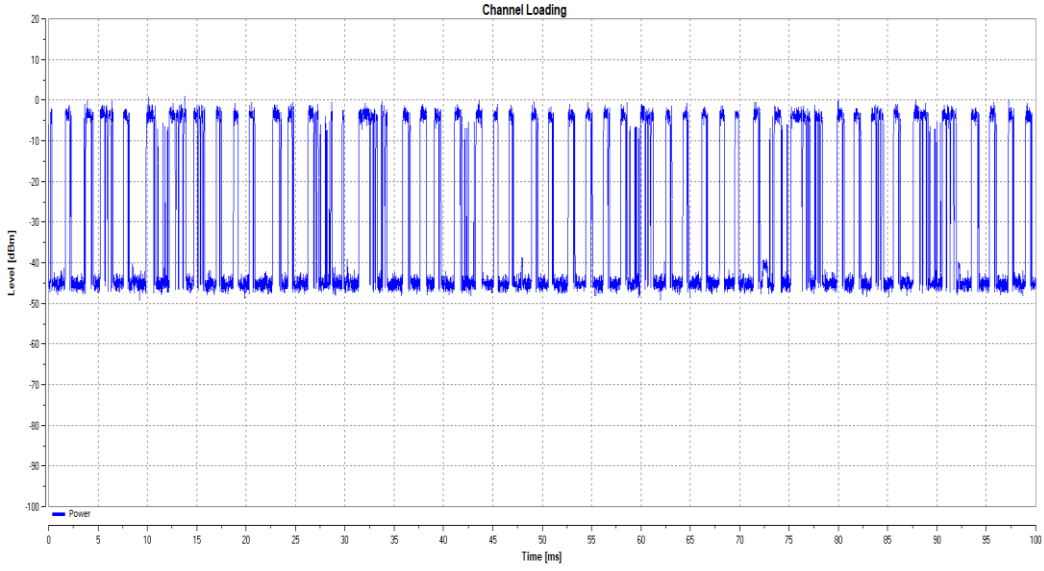
20M_5320

20M_5500

40M_5310

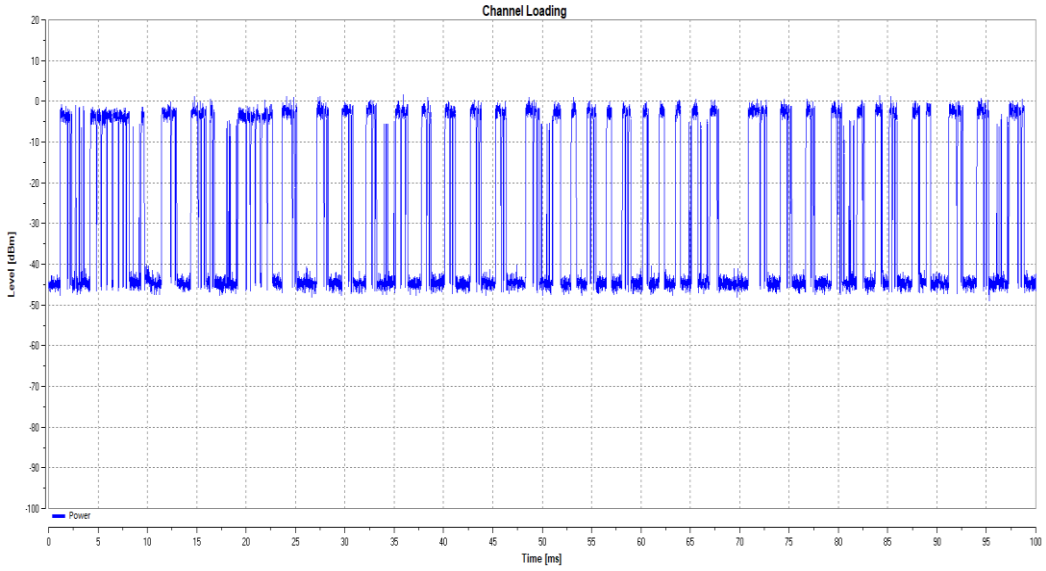
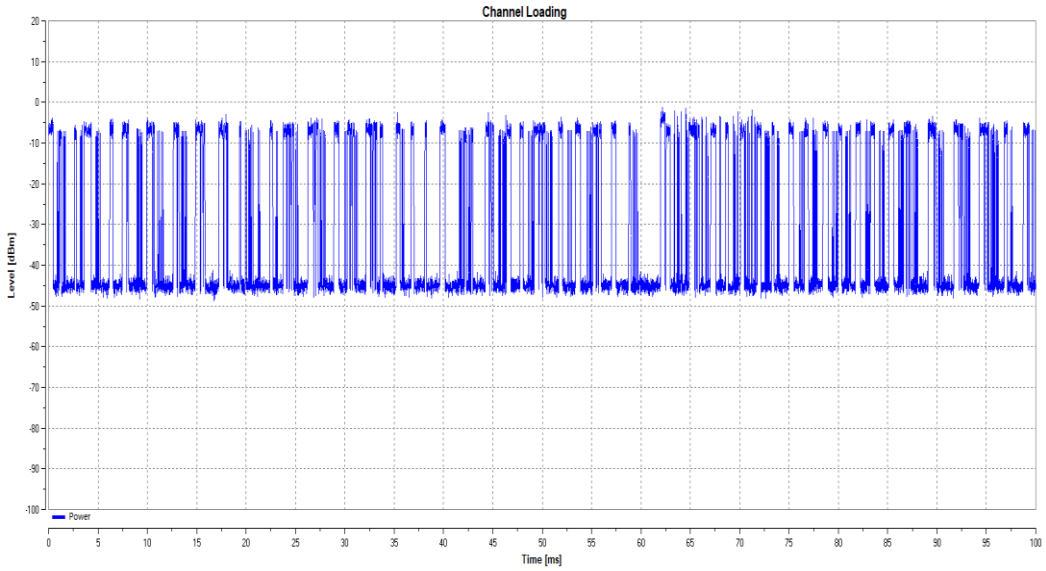


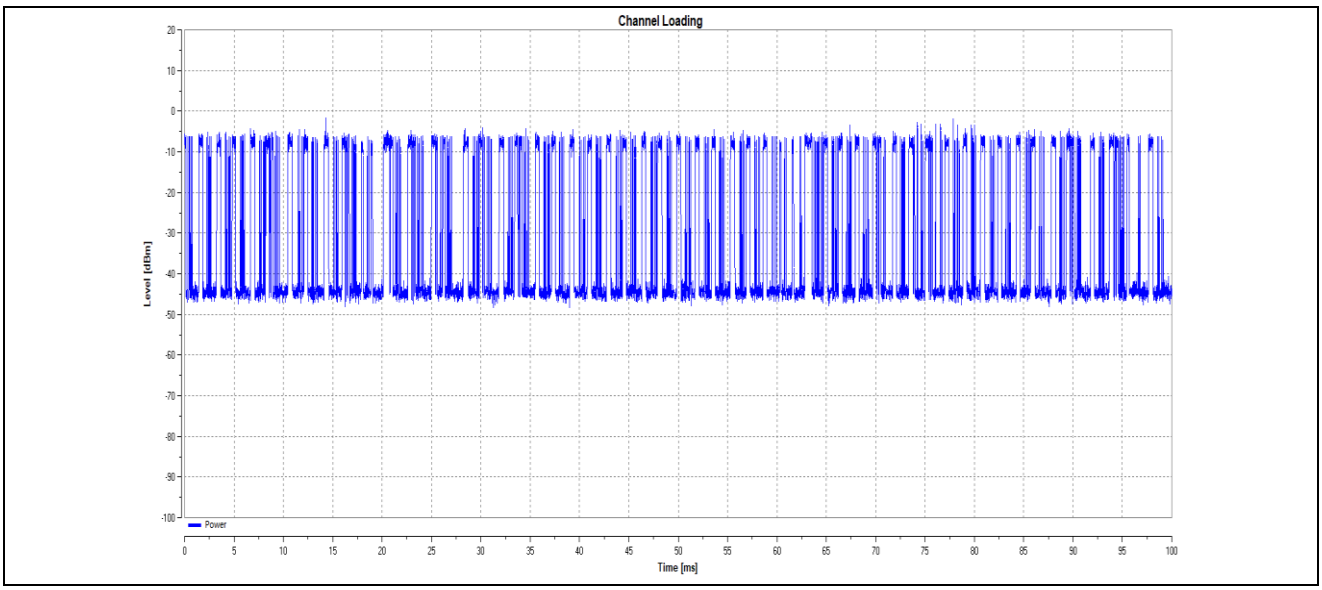
40M_5510



80M_5290



80M_5530

160M_5250

160M_5570


Channel Loading
Level [dBm]
Power
Time [ms]

Channel Availability Check Time

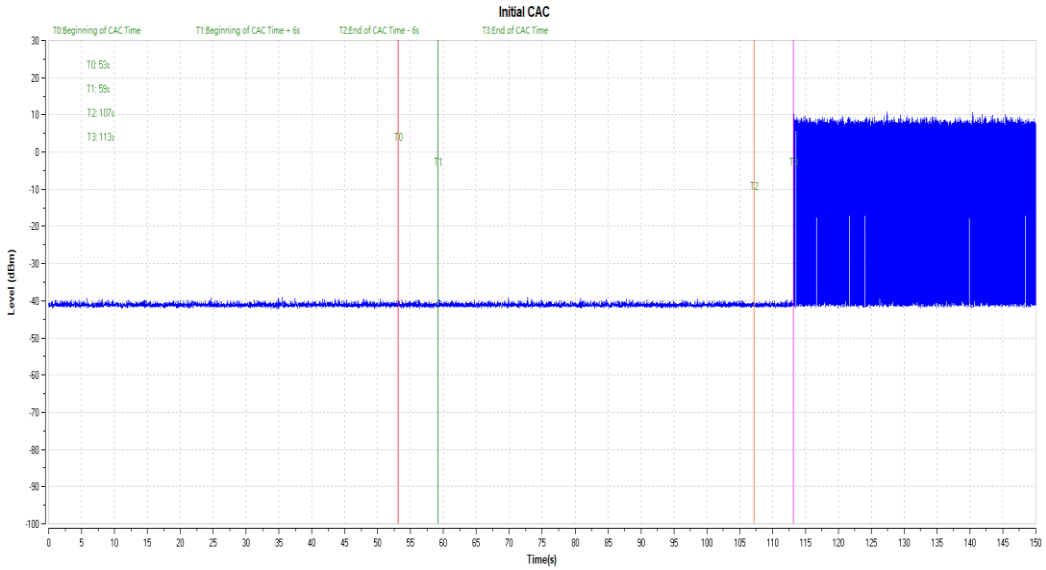
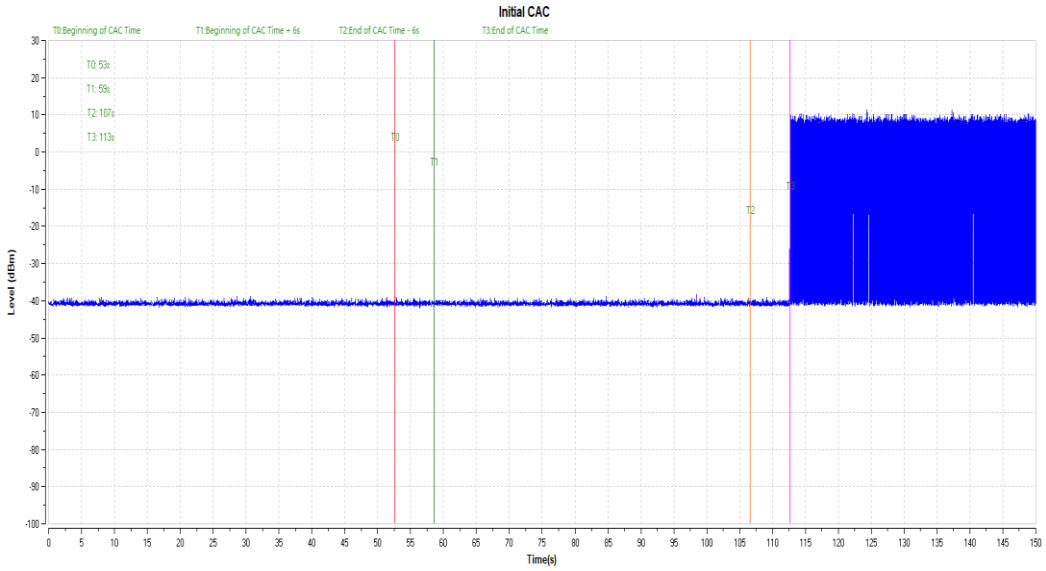
Test Result

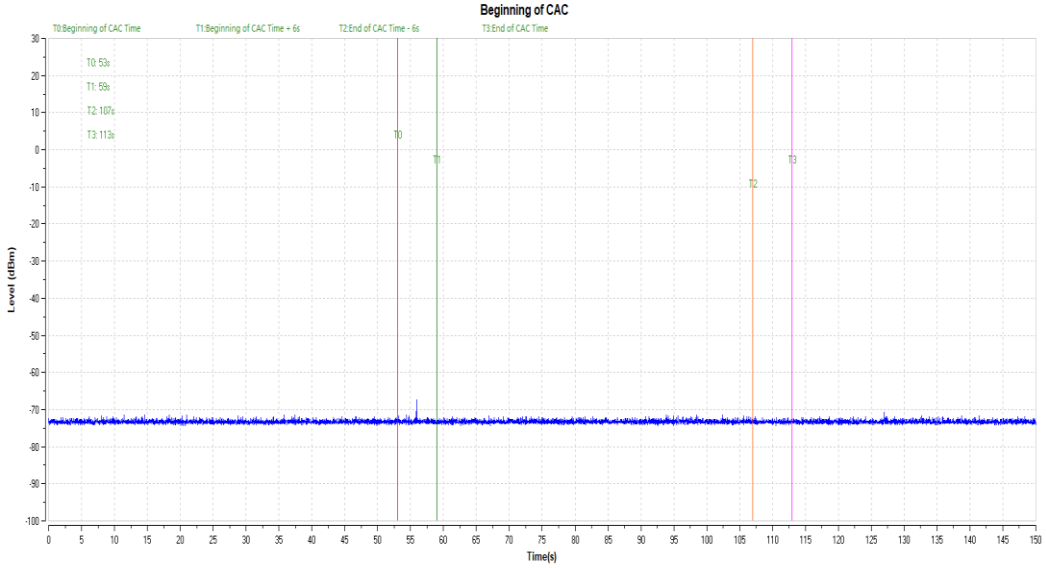
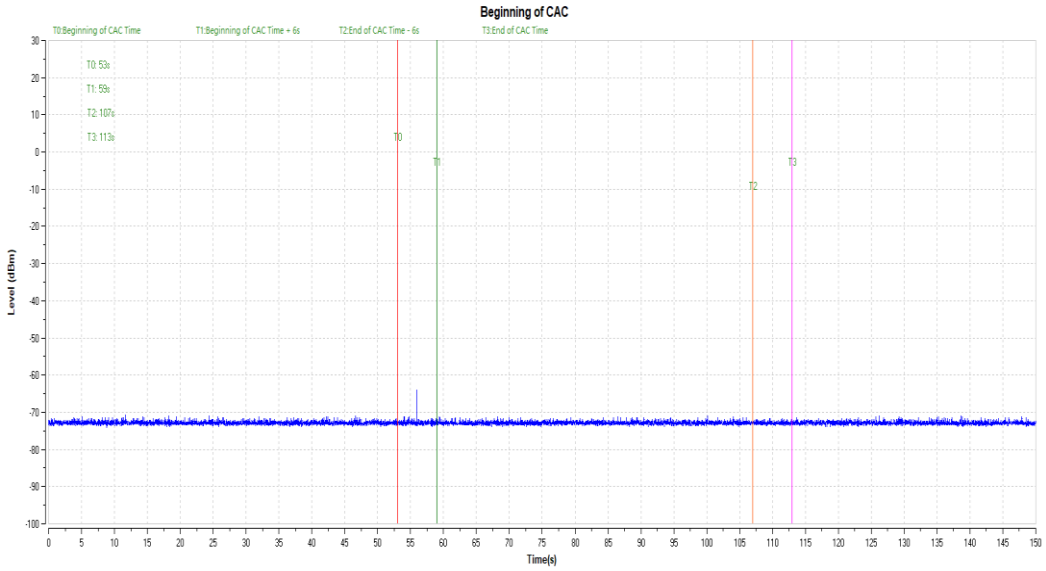
TestMode	Frequency[MHz]	Result	Verdict
20M	5320	See test Graph	PASS
	5500	See test Graph	PASS

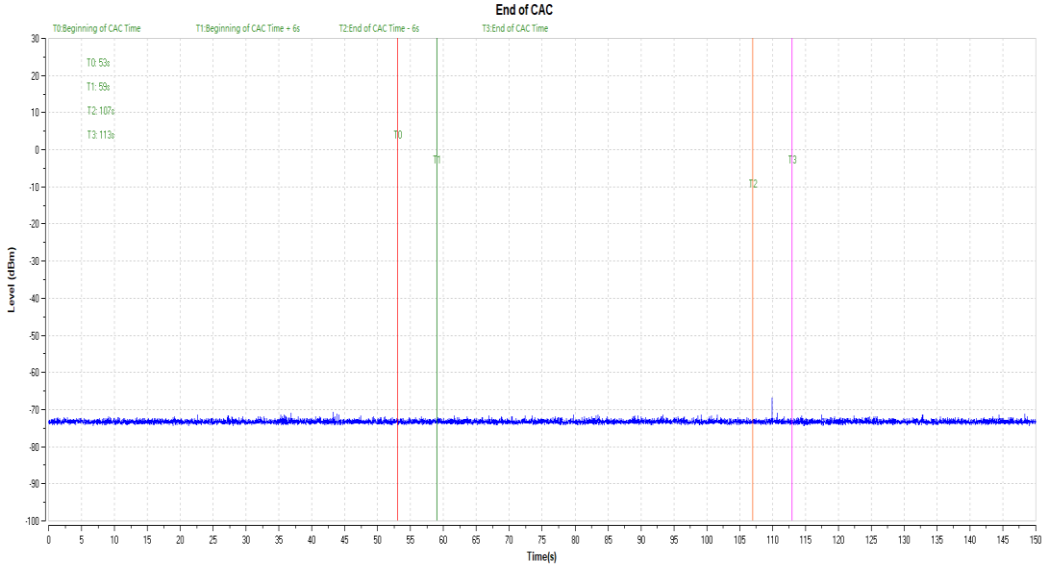
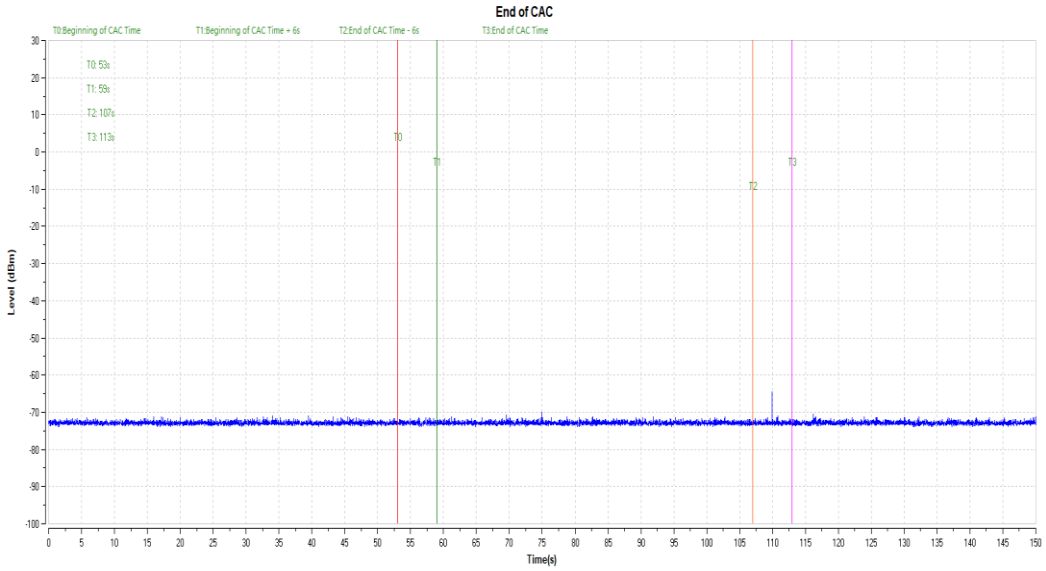
TestMode	Frequency[MHz]	Result	Verdict
20M	5320	See test Graph	PASS
	5500	See test Graph	PASS

TestMode	Frequency[MHz]	Result	Verdict
20M	5320	See test Graph	PASS
	5500	See test Graph	PASS

Test Graphs

Initial Channel Availability Check Time
20M_5320

20M_5500


Beginning of Channel Availability Check Time
20M_5320

20M_5500


End of Channel Availability Check Time
20M_5320

20M_5500


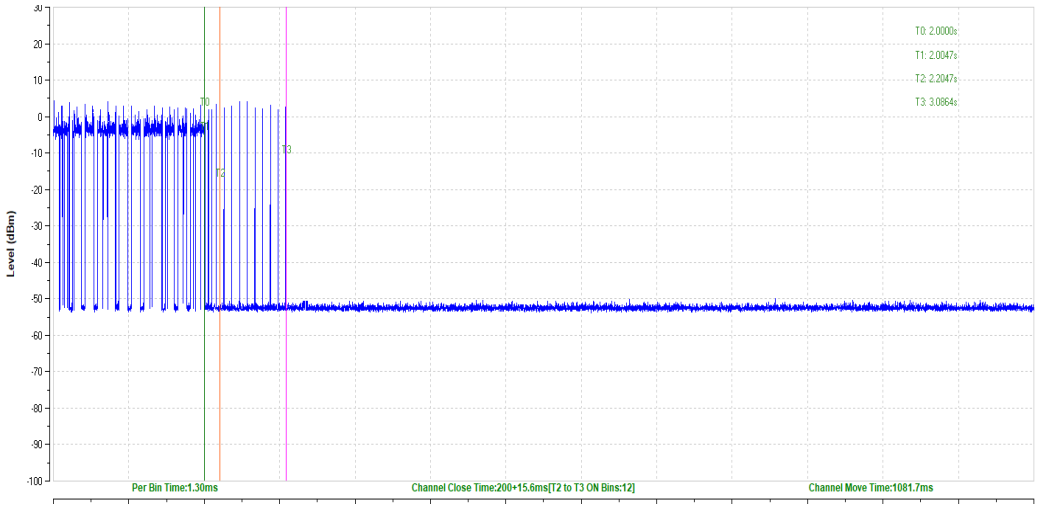
Channel Move Time and Channel Closing Transmission Time

Test Result

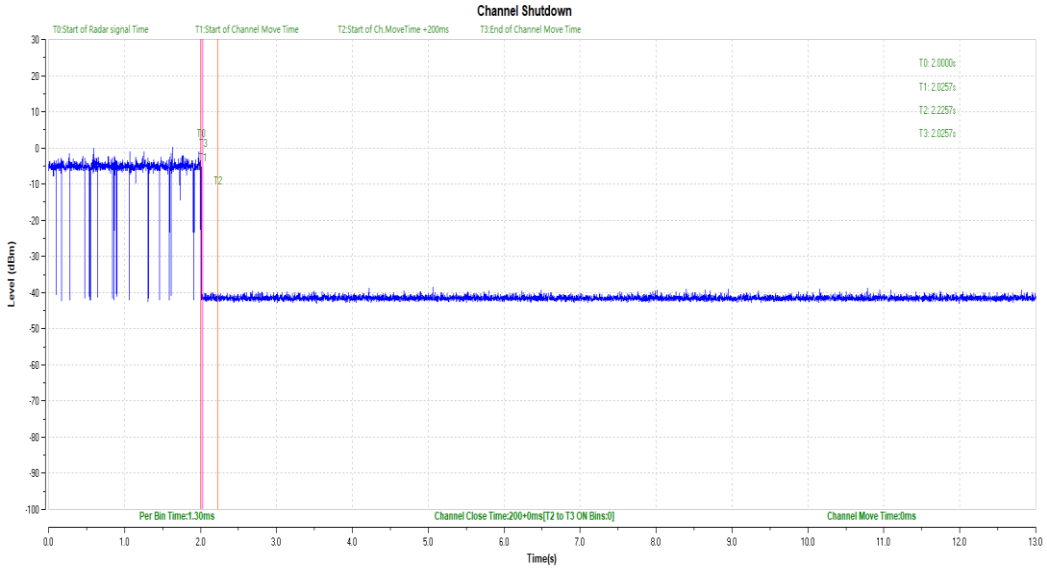
TestMode	Frequency[MHz]	CCTT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
160M	5250	200+15.6	200+60	1081.7	10000	PASS
	5570	200+0	200+60	0	10000	PASS

Test Graphs

160M_5250



160M_5570



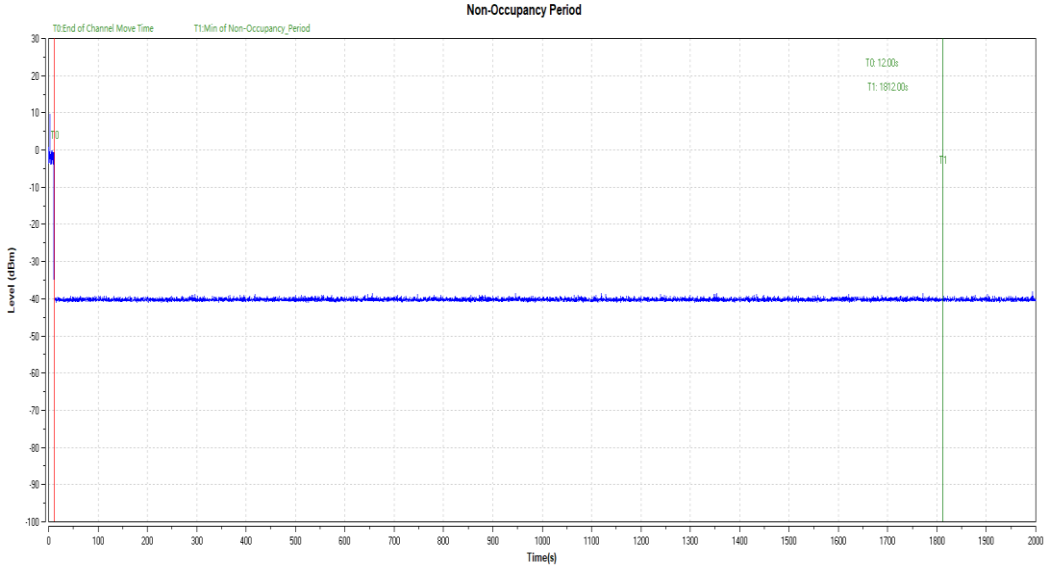
Non-Occupancy Period

Test Result

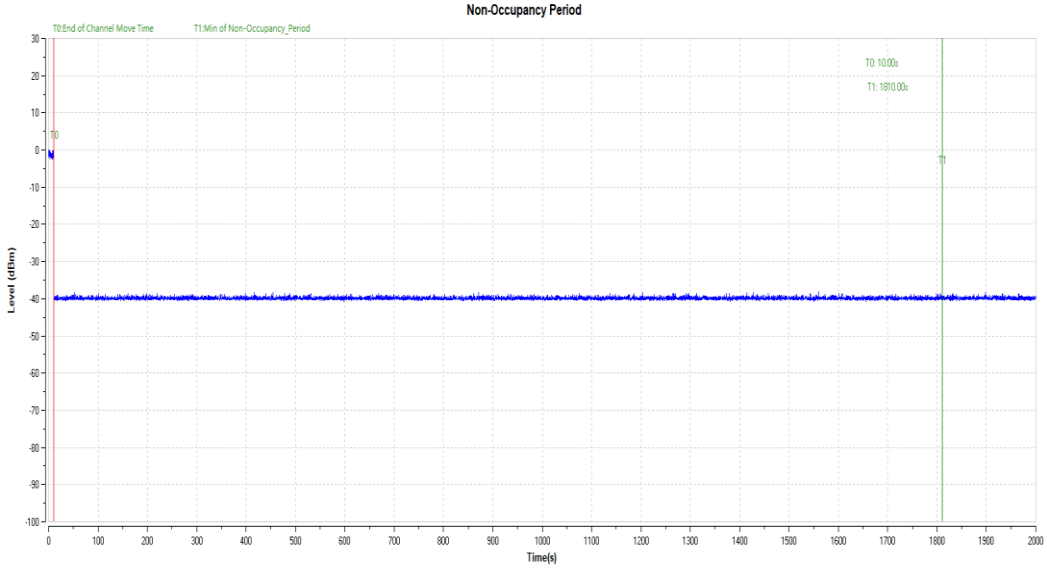
TestMode	Frequency[MHz]	Result	Limit[s]	Verdict
160M	5250	see test graph	≥1800	PASS
	5570	see test graph	≥1800	PASS

Test Graphs

160M_5250



160M_5570



U-NII Detection Bandwidth

Test Result

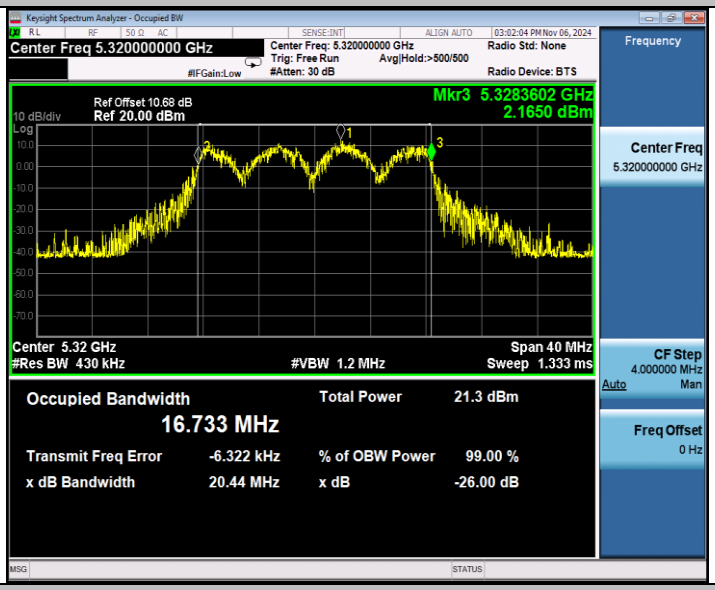
TestMode	Frequency[MHz]	FL[MHz]	FH[MHz]	Detection Bandwidth [MHz]	OCB [MHz]	Ratio [%]	Limit [%]	Verdict
20M	5320	5310	5330	20	16.733	119.52	≥100	PASS
	5500	5490	5510	20	16.735	119.51	≥100	PASS
40M	5310	5290	5330	40	38.134	104.89	≥100	PASS
	5510	5490	5530	40	38.119	104.93	≥100	PASS
80M	5290	5250	5330	80	77.493	103.24	≥100	PASS
	5530	5490	5570	80	77.701	103.00	≥100	PASS
160M	5250	5250	5330	80	78.006	102.56	≥100	PASS
	5570	5490	5650	160	156.83	102.02	≥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 (%)
11A	5320	5309	0	0	0	0	0	0	0	0	0	0	0
		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
	5500	5489	0	0	0	0	0	0	0	0	0	0	0
		5490	1	1	1	1	1	1	1	1	1	1	100
		5495	1	1	1	1	1	1	1	1	1	1	100
		5500	1	1	1	1	1	1	1	1	1	1	100
		5505	1	1	1	1	1	1	1	1	1	1	100
		5510	1	1	1	1	1	1	1	1	1	1	100
		5511	0	0	0	0	0	0	0	0	0	0	0
11N40SISO	5310	5289	0	0	0	0	0	0	0	0	0	0	0
		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	0	1	1	1	1	1	1	1	1	1	90
		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
	5510	5489	0	0	0	0	0	0	0	0	0	0	0
		5490	1	1	1	1	1	1	1	1	1	1	100
		5495	1	1	1	1	1	1	1	1	1	1	100
		5500	1	1	1	1	1	1	1	1	1	1	100
		5505	1	1	1	1	1	1	1	1	1	1	100
		5510	1	1	1	1	1	1	1	1	1	1	100
		5515	1	1	1	1	1	1	1	1	1	1	100
		5520	1	1	1	1	1	1	1	1	1	1	100
		5525	1	1	1	1	1	1	1	1	1	1	100
		5530	1	1	1	1	1	1	1	1	1	1	100
		5531	0	0	0	0	0	0	0	0	0	0	0
11AC80SISO	5290	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
		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

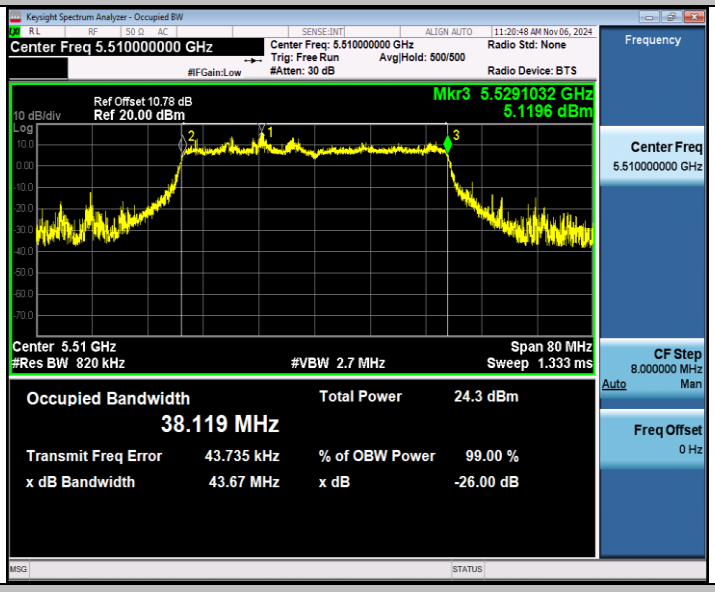
		5489	0	0	0	0	0	0	0	0	0	0	0
		5490	1	1	1	1	1	1	1	1	1	1	100
		5495	1	1	1	1	1	1	1	1	1	1	100
		5500	1	1	1	1	1	1	1	1	1	1	100
		5505	1	1	1	1	1	1	1	1	1	1	100
		5510	1	1	1	1	1	1	1	1	1	1	100
		5515	1	1	1	1	1	1	1	1	1	1	100
		5520	1	1	1	1	1	1	1	1	1	1	100
		5525	1	1	1	1	1	1	1	1	1	1	100
	5530	5530	1	1	1	1	1	1	1	1	1	1	100
		5535	1	1	1	1	1	1	1	1	1	1	100
		5540	1	1	1	1	1	1	1	1	1	1	100
		5545	1	1	1	1	1	1	1	1	1	1	100
		5550	1	1	1	1	1	1	1	1	1	1	100
		5555	1	1	1	1	1	1	1	1	1	1	100
		5560	1	1	1	1	1	1	1	1	1	1	100
		5565	1	1	1	1	1	1	1	1	1	1	100
		5570	1	1	1	1	1	1	1	1	1	1	100
		5571	0	0	0	0	0	0	0	0	0	0	0

Test Graphs

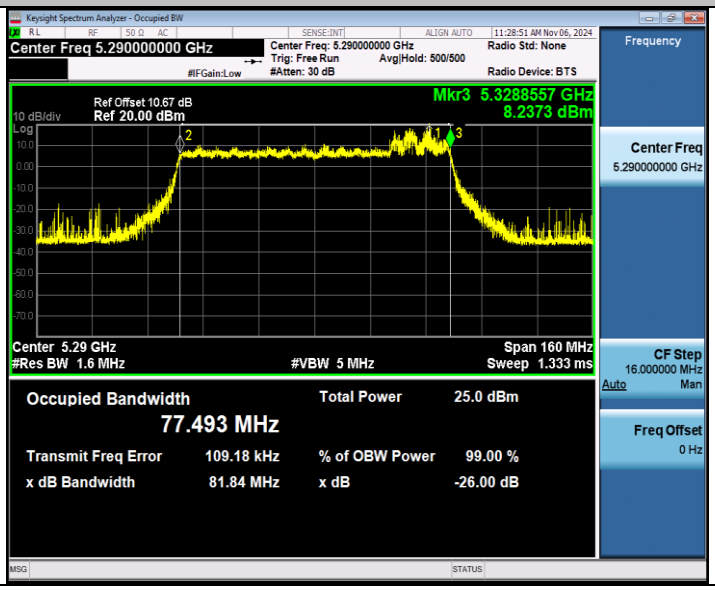
20M_5320

20M_5500

40M_5310

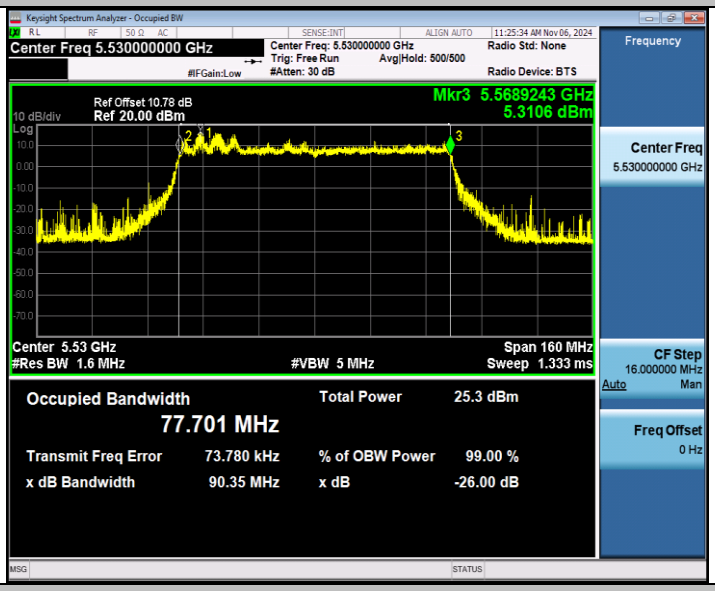
40M_5510



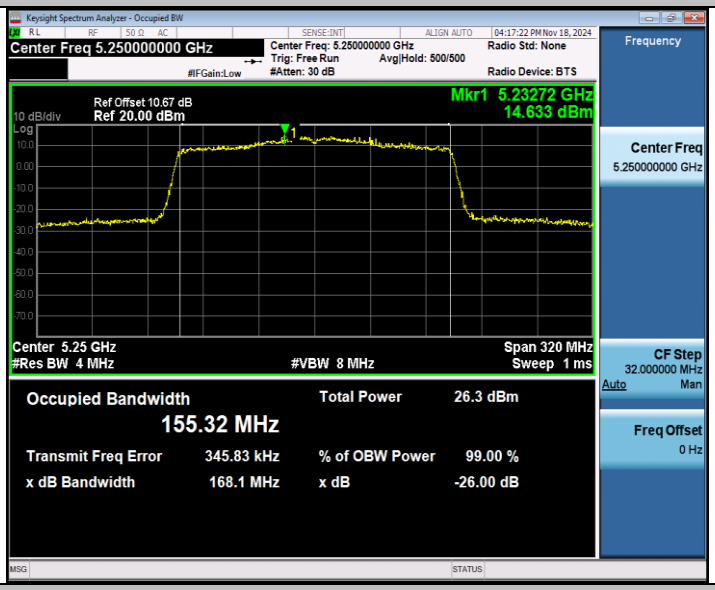
80M_5290



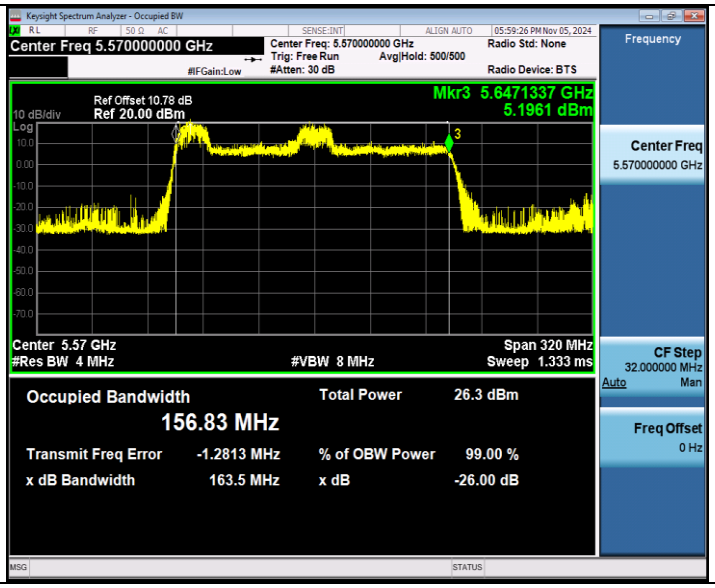
80M_5530



160M_5250



160M_5570


Keysight Spectrum Analyzer - Occupied BW
Center Freq 5.570000000 GHz
Center Freq: 5.570000000 GHz
Trig: Free Run
Avg|Hold: 500/500
#Atten: 30 dB
#IFGain:Low
Radio Std: None
Radio Device: BTS
05:59:26 PM Nov 05, 2024
Frequency
Ref Offset 10.78 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr3 5.6471337 GHz
5.1961 dBm
Center 5.57 GHz
#Res BW 4 MHz
#VBW 8 MHz
Span 320 MHz
Sweep 1.333 ms
Occupied Bandwidth
156.83 MHz
Total Power 26.3 dBm
Transmit Freq Error -1.2813 MHz
% of OBW Power 99.00 %
x dB Bandwidth 163.5 MHz
x dB -26.00 dB
Center Freq
5.570000000 GHz
CF Step
32.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Statistical Performance check

Test Result

TestMode	Frequency[MHz]	Radar Type	Pass Times	Fail Times	Probability (%)	Limit (%)	Verdict
20M	5320	Type0	30	0	100.00	60	PASS
		Type1	30	0	100.00	60	PASS
		Type2	30	0	100.00	60	PASS
		Type3	30	0	100.00	60	PASS
		Type4	30	0	100.00	60	PASS
		Type 1-4	---	---	100.00	80	PASS
		Type5	30	0	100.00	80	PASS
		Type6	30	0	100.00	70	PASS
	5500	Type0	30	0	100.00	60	PASS
		Type1	30	0	100.00	60	PASS
		Type2	30	0	100.00	60	PASS
		Type3	30	0	100.00	60	PASS
		Type4	30	0	100.00	60	PASS
		Type 1-4	---	---	100.00	80	PASS
		Type5	30	0	100.00	80	PASS
		Type6	30	0	100.00	70	PASS
40M	5310	Type0	30	0	100.00	60	PASS
		Type1	30	0	100.00	60	PASS
		Type2	30	0	100.00	60	PASS
		Type3	30	0	100.00	60	PASS
		Type4	30	0	100.00	60	PASS
		Type 1-4	---	---	100.00	80	PASS
		Type5	30	0	100.00	80	PASS
		Type6	29	1	96.67	70	PASS
	5510	Type0	30	0	100.00	60	PASS
		Type1	30	0	100.00	60	PASS
		Type2	30	0	100.00	60	PASS
		Type3	30	0	100.00	60	PASS
		Type4	30	0	100.00	60	PASS
		Type 1-4	---	---	100.00	80	PASS
		Type5	30	0	100.00	80	PASS

		Type6	30	0	100.00	70	PASS
80M	5290	Type0	30	0	100.00	60	PASS
		Type1	30	0	100.00	60	PASS
		Type2	30	0	100.00	60	PASS
		Type3	30	0	100.00	60	PASS
		Type4	30	0	100.00	60	PASS
		Type 1-4	---	---	100.00	80	PASS
		Type5	30	0	100.00	80	PASS
		Type6	29	1	96.67	70	PASS
	5530	Type0	30	0	100.00	60	PASS
		Type1	30	0	100.00	60	PASS
		Type2	30	0	100.00	60	PASS
		Type3	30	0	100.00	60	PASS
		Type4	30	0	100.00	60	PASS
		Type 1-4	---	---	100.00	80	PASS
		Type5	30	0	100.00	80	PASS
		Type6	30	0	100.00	70	PASS
160M	5250	Type0	30	0	100.00	60	PASS
		Type1	30	0	100.00	60	PASS
		Type2	30	0	100.00	60	PASS
		Type3	30	0	100.00	60	PASS
		Type4	30	0	100.00	60	PASS
		Type 1-4	---	---	100.00	80	PASS
		Type5	30	0	100.00	80	PASS
		Type6	30	0	100.00	70	PASS
	5570	Type0	30	0	100.00	60	PASS
		Type1	30	0	100.00	60	PASS
		Type2	30	0	100.00	60	PASS
		Type3	30	0	100.00	60	PASS
		Type4	30	0	100.00	60	PASS
		Type 1-4	---	---	100.00	80	PASS
		Type5	30	0	100.00	80	PASS
		Type6	30	0	100.00	70	PASS

TestMode	Frequency[MHz]	Radar Type	Trial ID	Pulse width(μs)	PRI(μs)	Pulses per Burst	Detection (1: Yes; 0: No)
20M	5320	Type0	0	1	1428	18	1
		Type0	1	1	1428	18	1
		Type0	2	1	1428	18	1
		Type0	3	1	1428	18	1
		Type0	4	1	1428	18	1
		Type0	5	1	1428	18	1
		Type0	6	1	1428	18	1
		Type0	7	1	1428	18	1
		Type0	8	1	1428	18	1
		Type0	9	1	1428	18	1
		Type0	10	1	1428	18	1
		Type0	11	1	1428	18	1
		Type0	12	1	1428	18	1
		Type0	13	1	1428	18	1
		Type0	14	1	1428	18	1
		Type0	15	1	1428	18	1
		Type0	16	1	1428	18	1
		Type0	17	1	1428	18	1
		Type0	18	1	1428	18	1
		Type0	19	1	1428	18	1
		Type0	20	1	1428	18	1
		Type0	21	1	1428	18	1
		Type0	22	1	1428	18	1
		Type0	23	1	1428	18	1
		Type0	24	1	1428	18	1
		Type0	25	1	1428	18	1
		Type0	26	1	1428	18	1
		Type0	27	1	1428	18	1
		Type0	28	1	1428	18	1
		Type0	29	1	1428	18	1
		Type1	0	1	938	57	1

		Type1	1	1	698	76	1
		Type1	2	1	618	86	1
		Type1	3	1	538	99	1
		Type1	4	1	878	61	1
		Type1	5	1	3066	18	1
		Type1	6	1	638	83	1
		Type1	7	1	918	58	1
		Type1	8	1	838	63	1
		Type1	9	1	858	62	1
		Type1	10	1	798	67	1
		Type1	11	1	718	74	1
		Type1	12	1	578	92	1
		Type1	13	1	598	89	1
		Type1	14	1	558	95	1
		Type1	15	1	2536	21	1
		Type1	16	1	966	55	1
		Type1	17	1	827	64	1
		Type1	18	1	2501	22	1
		Type1	19	1	2595	21	1
		Type1	20	1	1114	48	1
		Type1	21	1	1302	41	1
		Type1	22	1	3045	18	1
		Type1	23	1	1624	33	1
		Type1	24	1	2878	19	1
		Type1	25	1	1027	52	1
		Type1	26	1	2485	22	1
		Type1	27	1	1600	33	1
		Type1	28	1	1172	46	1
		Type1	29	1	1177	45	1
		Type2	0	3.2	179	26	1
		Type2	1	1.1	207	23	1
		Type2	2	2.1	230	24	1
		Type2	3	4.8	200	29	1
		Type2	4	3.9	214	28	1
		Type2	5	2.9	222	26	1
		Type2	6	3.2	204	26	1

		Type2	7	2.5	192	25	1
		Type2	8	3.1	164	26	1
		Type2	9	1.2	156	23	1
		Type2	10	3.9	210	27	1
		Type2	11	4.6	201	29	1
		Type2	12	3.2	162	26	1
		Type2	13	2.2	197	25	1
		Type2	14	4.5	163	29	1
		Type2	15	3	203	26	1
		Type2	16	5	168	29	1
		Type2	17	2.4	217	25	1
		Type2	18	2.9	191	26	1
		Type2	19	2.3	166	25	1
		Type2	20	3.7	150	27	1
		Type2	21	2.2	176	25	1
		Type2	22	4.9	195	29	1
		Type2	23	2.9	202	26	1
		Type2	24	2.5	178	25	1
		Type2	25	1.1	206	23	1
		Type2	26	3.8	155	27	1
		Type2	27	4.7	157	29	1
		Type2	28	2.4	224	25	1
		Type2	29	4.2	159	28	1
		Type3	0	8.2	355	17	1
		Type3	1	6.1	487	16	1
		Type3	2	7.1	344	16	1
		Type3	3	9.8	288	18	1
		Type3	4	8.9	230	18	1
		Type3	5	7.9	432	17	1
		Type3	6	8.2	207	17	1
		Type3	7	7.5	443	17	1
		Type3	8	8.1	439	17	1
		Type3	9	6.2	223	16	1
		Type3	10	8.9	208	18	1
		Type3	11	9.6	463	18	1
		Type3	12	8.2	441	17	1

		Type3	13	7.2	323	16	1
		Type3	14	9.5	297	18	1
		Type3	15	8	412	17	1
		Type3	16	10	324	18	1
		Type3	17	7.4	271	17	1
		Type3	18	7.9	349	17	1
		Type3	19	7.3	409	16	1
		Type3	20	8.7	373	18	1
		Type3	21	7.2	254	16	1
		Type3	22	9.9	274	18	1
		Type3	23	7.9	278	17	1
		Type3	24	7.5	317	17	1
		Type3	25	6.1	260	16	1
		Type3	26	8.8	211	18	1
		Type3	27	9.7	272	18	1
		Type3	28	7.4	264	17	1
		Type3	29	9.2	284	18	1
		Type4	0	16	355	14	1
		Type4	1	11.3	487	12	1
		Type4	2	13.5	344	13	1
		Type4	3	19.4	288	16	1
		Type4	4	17.5	230	15	1
		Type4	5	15.3	432	14	1
		Type4	6	15.9	207	14	1
		Type4	7	14.3	443	13	1
		Type4	8	15.8	439	14	1
		Type4	9	11.5	223	12	1
		Type4	10	17.4	208	15	1
		Type4	11	19	463	16	1
		Type4	12	16	441	14	1
		Type4	13	13.8	323	13	1
		Type4	14	18.9	297	16	1
		Type4	15	15.5	412	14	1
		Type4	16	19.9	324	16	1
		Type4	17	14.1	271	13	1
		Type4	18	15.2	349	14	1

		Type4	19	13.8	409	13	1
		Type4	20	17.1	373	15	1
		Type4	21	13.8	254	13	1
		Type4	22	19.8	274	16	1
		Type4	23	15.3	278	14	1
		Type4	24	14.5	317	13	1
		Type4	25	11.3	260	12	1
		Type4	26	17.3	211	15	1
		Type4	27	19.2	272	16	1
		Type4	28	14.2	264	13	1
		Type4	29	18.2	284	15	1
	5500	Type0	0	1	1428	18	1
		Type0	1	1	1428	18	1
		Type0	2	1	1428	18	1
		Type0	3	1	1428	18	1
		Type0	4	1	1428	18	1
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		Type0	8	1	1428	18	1
		Type0	9	1	1428	18	1
		Type0	10	1	1428	18	1
		Type0	11	1	1428	18	1
		Type0	12	1	1428	18	1
		Type0	13	1	1428	18	1
		Type0	14	1	1428	18	1
		Type0	15	1	1428	18	1
		Type0	16	1	1428	18	1
		Type0	17	1	1428	18	1
		Type0	18	1	1428	18	1
		Type0	19	1	1428	18	1
		Type0	20	1	1428	18	1
		Type0	21	1	1428	18	1
		Type0	22	1	1428	18	1
		Type0	23	1	1428	18	1
		Type0	24	1	1428	18	1

		Type0	25	1	1428	18	1
		Type0	26	1	1428	18	1
		Type0	27	1	1428	18	1
		Type0	28	1	1428	18	1
		Type0	29	1	1428	18	1
		Type1	0	1	938	57	1
		Type1	1	1	698	76	1
		Type1	2	1	618	86	1
		Type1	3	1	538	99	1
		Type1	4	1	878	61	1
		Type1	5	1	3066	18	1
		Type1	6	1	638	83	1
		Type1	7	1	918	58	1
		Type1	8	1	838	63	1
		Type1	9	1	858	62	1
		Type1	10	1	798	67	1
		Type1	11	1	718	74	1
		Type1	12	1	578	92	1
		Type1	13	1	598	89	1
		Type1	14	1	558	95	1
		Type1	15	1	2536	21	1
		Type1	16	1	966	55	1
		Type1	17	1	827	64	1
		Type1	18	1	2501	22	1
		Type1	19	1	2595	21	1
		Type1	20	1	1114	48	1
		Type1	21	1	1302	41	1
		Type1	22	1	3045	18	1
		Type1	23	1	1624	33	1
		Type1	24	1	2878	19	1
		Type1	25	1	1027	52	1
		Type1	26	1	2485	22	1
		Type1	27	1	1600	33	1
		Type1	28	1	1172	46	1
		Type1	29	1	1177	45	1
		Type2	0	3.2	179	26	1

		Type2	1	1.1	207	23	1
		Type2	2	2.1	230	24	1
		Type2	3	4.8	200	29	1
		Type2	4	3.9	214	28	1
		Type2	5	2.9	222	26	1
		Type2	6	3.2	204	26	1
		Type2	7	2.5	192	25	1
		Type2	8	3.1	164	26	1
		Type2	9	1.2	156	23	1
		Type2	10	3.9	210	27	1
		Type2	11	4.6	201	29	1
		Type2	12	3.2	162	26	1
		Type2	13	2.2	197	25	1
		Type2	14	4.5	163	29	1
		Type2	15	3	203	26	1
		Type2	16	5	168	29	1
		Type2	17	2.4	217	25	1
		Type2	18	2.9	191	26	1
		Type2	19	2.3	166	25	1
		Type2	20	3.7	150	27	1
		Type2	21	2.2	176	25	1
		Type2	22	4.9	195	29	1
		Type2	23	2.9	202	26	1
		Type2	24	2.5	178	25	1
		Type2	25	1.1	206	23	1
		Type2	26	3.8	155	27	1
		Type2	27	4.7	157	29	1
		Type2	28	2.4	224	25	1
		Type2	29	4.2	159	28	1
		Type3	0	8.2	355	17	1
		Type3	1	6.1	487	16	1
		Type3	2	7.1	344	16	1
		Type3	3	9.8	288	18	1
		Type3	4	8.9	230	18	1
		Type3	5	7.9	432	17	1
		Type3	6	8.2	207	17	1

		Type3	7	7.5	443	17	1
		Type3	8	8.1	439	17	1
		Type3	9	6.2	223	16	1
		Type3	10	8.9	208	18	1
		Type3	11	9.6	463	18	1
		Type3	12	8.2	441	17	1
		Type3	13	7.2	323	16	1
		Type3	14	9.5	297	18	1
		Type3	15	8	412	17	1
		Type3	16	10	324	18	1
		Type3	17	7.4	271	17	1
		Type3	18	7.9	349	17	1
		Type3	19	7.3	409	16	1
		Type3	20	8.7	373	18	1
		Type3	21	7.2	254	16	1
		Type3	22	9.9	274	18	1
		Type3	23	7.9	278	17	1
		Type3	24	7.5	317	17	1
		Type3	25	6.1	260	16	1
		Type3	26	8.8	211	18	1
		Type3	27	9.7	272	18	1
		Type3	28	7.4	264	17	1
		Type3	29	9.2	284	18	1
		Type4	0	16	355	14	1
		Type4	1	11.3	487	12	1
		Type4	2	13.5	344	13	1
		Type4	3	19.4	288	16	1
		Type4	4	17.5	230	15	1
		Type4	5	15.3	432	14	1
		Type4	6	15.9	207	14	1
		Type4	7	14.3	443	13	1
		Type4	8	15.8	439	14	1
		Type4	9	11.5	223	12	1
		Type4	10	17.4	208	15	1
		Type4	11	19	463	16	1
		Type4	12	16	441	14	1

		Type4	13	13.8	323	13	1
		Type4	14	18.9	297	16	1
		Type4	15	15.5	412	14	1
		Type4	16	19.9	324	16	1
		Type4	17	14.1	271	13	1
		Type4	18	15.2	349	14	1
		Type4	19	13.8	409	13	1
		Type4	20	17.1	373	15	1
		Type4	21	13.8	254	13	1
		Type4	22	19.8	274	16	1
		Type4	23	15.3	278	14	1
		Type4	24	14.5	317	13	1
		Type4	25	11.3	260	12	1
		Type4	26	17.3	211	15	1
		Type4	27	19.2	272	16	1
		Type4	28	14.2	264	13	1
		Type4	29	18.2	284	15	1
40M	5310	Type0	0	1	1428	18	1
		Type0	1	1	1428	18	1
		Type0	2	1	1428	18	1
		Type0	3	1	1428	18	1
		Type0	4	1	1428	18	1
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		Type0	6	1	1428	18	1
		Type0	7	1	1428	18	1
		Type0	8	1	1428	18	1
		Type0	9	1	1428	18	1
		Type0	10	1	1428	18	1
		Type0	11	1	1428	18	1
		Type0	12	1	1428	18	1
		Type0	13	1	1428	18	1
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		Type0	15	1	1428	18	1
		Type0	16	1	1428	18	1
		Type0	17	1	1428	18	1
		Type0	18	1	1428	18	1

		Type0	19	1	1428	18	1
		Type0	20	1	1428	18	1
		Type0	21	1	1428	18	1
		Type0	22	1	1428	18	1
		Type0	23	1	1428	18	1
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		Type0	28	1	1428	18	1
		Type0	29	1	1428	18	1
		Type1	0	1	938	57	1
		Type1	1	1	698	76	1
		Type1	2	1	618	86	1
		Type1	3	1	538	99	1
		Type1	4	1	878	61	1
		Type1	5	1	3066	18	1
		Type1	6	1	638	83	1
		Type1	7	1	918	58	1
		Type1	8	1	838	63	1
		Type1	9	1	858	62	1
		Type1	10	1	798	67	1
		Type1	11	1	718	74	1
		Type1	12	1	578	92	1
		Type1	13	1	598	89	1
		Type1	14	1	558	95	1
		Type1	15	1	2536	21	1
		Type1	16	1	966	55	1
		Type1	17	1	827	64	1
		Type1	18	1	2501	22	1
		Type1	19	1	2595	21	1
		Type1	20	1	1114	48	1
		Type1	21	1	1302	41	1
		Type1	22	1	3045	18	1
		Type1	23	1	1624	33	1
		Type1	24	1	2878	19	1

		Type1	25	1	1027	52	1
		Type1	26	1	2485	22	1
		Type1	27	1	1600	33	1
		Type1	28	1	1172	46	1
		Type1	29	1	1177	45	1
		Type2	0	3.2	179	26	1
		Type2	1	1.1	207	23	1
		Type2	2	2.1	230	24	1
		Type2	3	4.8	200	29	1
		Type2	4	3.9	214	28	1
		Type2	5	2.9	222	26	1
		Type2	6	3.2	204	26	1
		Type2	7	2.5	192	25	1
		Type2	8	3.1	164	26	1
		Type2	9	1.2	156	23	1
		Type2	10	3.9	210	27	1
		Type2	11	4.6	201	29	1
		Type2	12	3.2	162	26	1
		Type2	13	2.2	197	25	1
		Type2	14	4.5	163	29	1
		Type2	15	3	203	26	1
		Type2	16	5	168	29	1
		Type2	17	2.4	217	25	1
		Type2	18	2.9	191	26	1
		Type2	19	2.3	166	25	1
		Type2	20	3.7	150	27	1
		Type2	21	2.2	176	25	1
		Type2	22	4.9	195	29	1
		Type2	23	2.9	202	26	1
		Type2	24	2.5	178	25	1
		Type2	25	1.1	206	23	1
		Type2	26	3.8	155	27	1
		Type2	27	4.7	157	29	1
		Type2	28	2.4	224	25	1
		Type2	29	4.2	159	28	1
		Type3	0	8.2	355	17	1

		Type3	1	6.1	487	16	1
		Type3	2	7.1	344	16	1
		Type3	3	9.8	288	18	1
		Type3	4	8.9	230	18	1
		Type3	5	7.9	432	17	1
		Type3	6	8.2	207	17	1
		Type3	7	7.5	443	17	1
		Type3	8	8.1	439	17	1
		Type3	9	6.2	223	16	1
		Type3	10	8.9	208	18	1
		Type3	11	9.6	463	18	1
		Type3	12	8.2	441	17	1
		Type3	13	7.2	323	16	1
		Type3	14	9.5	297	18	1
		Type3	15	8	412	17	1
		Type3	16	10	324	18	1
		Type3	17	7.4	271	17	1
		Type3	18	7.9	349	17	1
		Type3	19	7.3	409	16	1
		Type3	20	8.7	373	18	1
		Type3	21	7.2	254	16	1
		Type3	22	9.9	274	18	1
		Type3	23	7.9	278	17	1
		Type3	24	7.5	317	17	1
		Type3	25	6.1	260	16	1
		Type3	26	8.8	211	18	1
		Type3	27	9.7	272	18	1
		Type3	28	7.4	264	17	1
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		Type4	18	15.2	349	14	1
		Type4	19	13.8	409	13	1
		Type4	20	17.1	373	15	1
		Type4	21	13.8	254	13	1
		Type4	22	19.8	274	16	1
		Type4	23	15.3	278	14	1
		Type4	24	14.5	317	13	1

		Type4	25	11.3	260	12	1
		Type4	26	17.3	211	15	1
		Type4	27	19.2	272	16	1
		Type4	28	14.2	264	13	1
		Type4	29	18.2	284	15	1
160M	5250	Type0	0	1	1428	18	1
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		Type0	3	1	1428	18	1
		Type0	4	1	1428	18	1
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		Type0	28	1	1428	18	1
		Type0	29	1	1428	18	1
		Type1	0	1	938	57	1

		Type1	1	1	698	76	1
		Type1	2	1	618	86	1
		Type1	3	1	538	99	1
		Type1	4	1	878	61	1
		Type1	5	1	3066	18	1
		Type1	6	1	638	83	1
		Type1	7	1	918	58	1
		Type1	8	1	838	63	1
		Type1	9	1	858	62	1
		Type1	10	1	798	67	1
		Type1	11	1	718	74	1
		Type1	12	1	578	92	0
		Type1	13	1	598	89	0
		Type1	14	1	558	95	0
		Type1	15	1	2536	21	1
		Type1	16	1	966	55	1
		Type1	17	1	827	64	1
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		Type1	20	1	1114	48	1
		Type1	21	1	1302	41	1
		Type1	22	1	3045	18	0
		Type1	23	1	1624	33	1
		Type1	24	1	2878	19	1
		Type1	25	1	1027	52	1
		Type1	26	1	2485	22	1
		Type1	27	1	1600	33	1
		Type1	28	1	1172	46	1
		Type1	29	1	1177	45	1
		Type2	0	3.2	179	26	1
		Type2	1	1.1	207	23	1
		Type2	2	2.1	230	24	1
		Type2	3	4.8	200	29	1
		Type2	4	3.9	214	28	1
		Type2	5	2.9	222	26	1
		Type2	6	3.2	204	26	1

		Type2	7	2.5	192	25	1
		Type2	8	3.1	164	26	1
		Type2	9	1.2	156	23	1
		Type2	10	3.9	210	27	1
		Type2	11	4.6	201	29	1
		Type2	12	3.2	162	26	1
		Type2	13	2.2	197	25	1
		Type2	14	4.5	163	29	1
		Type2	15	3	203	26	1
		Type2	16	5	168	29	1
		Type2	17	2.4	217	25	1
		Type2	18	2.9	191	26	1
		Type2	19	2.3	166	25	1
		Type2	20	3.7	150	27	1
		Type2	21	2.2	176	25	1
		Type2	22	4.9	195	29	1
		Type2	23	2.9	202	26	1
		Type2	24	2.5	178	25	1
		Type2	25	1.1	206	23	1
		Type2	26	3.8	155	27	1
		Type2	27	4.7	157	29	1
		Type2	28	2.4	224	25	1
		Type2	29	4.2	159	28	1
		Type3	0	8.2	355	17	1
		Type3	1	6.1	487	16	1
		Type3	2	7.1	344	16	1
		Type3	3	9.8	288	18	1
		Type3	4	8.9	230	18	1
		Type3	5	7.9	432	17	1
		Type3	6	8.2	207	17	1
		Type3	7	7.5	443	17	1
		Type3	8	8.1	439	17	1
		Type3	9	6.2	223	16	1
		Type3	10	8.9	208	18	1
		Type3	11	9.6	463	18	1
		Type3	12	8.2	441	17	1

		Type3	13	7.2	323	16	1
		Type3	14	9.5	297	18	1
		Type3	15	8	412	17	1
		Type3	16	10	324	18	1
		Type3	17	7.4	271	17	1
		Type3	18	7.9	349	17	1
		Type3	19	7.3	409	16	1
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		Type3	23	7.9	278	17	1
		Type3	24	7.5	317	17	1
		Type3	25	6.1	260	16	0
		Type3	26	8.8	211	18	1
		Type3	27	9.7	272	18	1
		Type3	28	7.4	264	17	1
		Type3	29	9.2	284	18	1
		Type4	0	16	355	14	1
		Type4	1	11.3	487	12	1
		Type4	2	13.5	344	13	1
		Type4	3	19.4	288	16	0
		Type4	4	17.5	230	15	1
		Type4	5	15.3	432	14	1
		Type4	6	15.9	207	14	1
		Type4	7	14.3	443	13	1
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		Type4	9	11.5	223	12	1
		Type4	10	17.4	208	15	1
		Type4	11	19	463	16	1
		Type4	12	16	441	14	1
		Type4	13	13.8	323	13	1
		Type4	14	18.9	297	16	1
		Type4	15	15.5	412	14	1
		Type4	16	19.9	324	16	1
		Type4	17	14.1	271	13	1
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		Type4	19	13.8	409	13	1
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		Type4	22	19.8	274	16	1
		Type4	23	15.3	278	14	1
		Type4	24	14.5	317	13	1
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		Type4	27	19.2	272	16	1
		Type4	28	14.2	264	13	1
		Type4	29	18.2	284	15	1
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		Type0	5	1	1428	18	0
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		Type0	8	1	1428	18	1
		Type0	9	1	1428	18	1
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		Type0	27	1	1428	18	1
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		Type0	29	1	1428	18	1
		Type1	0	1	938	57	1
		Type1	1	1	698	76	1
		Type1	2	1	618	86	1
		Type1	3	1	538	99	1
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		Type1	5	1	3066	18	1
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		Type1	7	1	918	58	1
		Type1	8	1	838	63	1
		Type1	9	1	858	62	1
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		Type1	11	1	718	74	1
		Type1	12	1	578	92	1
		Type1	13	1	598	89	1
		Type1	14	1	558	95	0
		Type1	15	1	2536	21	1
		Type1	16	1	966	55	1
		Type1	17	1	827	64	1
		Type1	18	1	2501	22	1
		Type1	19	1	2595	21	1
		Type1	20	1	1114	48	1
		Type1	21	1	1302	41	1
		Type1	22	1	3045	18	1
		Type1	23	1	1624	33	1
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		Type1	26	1	2485	22	1
		Type1	27	1	1600	33	1
		Type1	28	1	1172	46	1
		Type1	29	1	1177	45	1
		Type2	0	3.2	179	26	1

		Type2	1	1.1	207	23	1
		Type2	2	2.1	230	24	1
		Type2	3	4.8	200	29	1
		Type2	4	3.9	214	28	1
		Type2	5	2.9	222	26	1
		Type2	6	3.2	204	26	1
		Type2	7	2.5	192	25	1
		Type2	8	3.1	164	26	1
		Type2	9	1.2	156	23	1
		Type2	10	3.9	210	27	1
		Type2	11	4.6	201	29	1
		Type2	12	3.2	162	26	1
		Type2	13	2.2	197	25	1
		Type2	14	4.5	163	29	1
		Type2	15	3	203	26	1
		Type2	16	5	168	29	1
		Type2	17	2.4	217	25	1
		Type2	18	2.9	191	26	1
		Type2	19	2.3	166	25	1
		Type2	20	3.7	150	27	1
		Type2	21	2.2	176	25	1
		Type2	22	4.9	195	29	1
		Type2	23	2.9	202	26	1
		Type2	24	2.5	178	25	1
		Type2	25	1.1	206	23	1
		Type2	26	3.8	155	27	1
		Type2	27	4.7	157	29	1
		Type2	28	2.4	224	25	1
		Type2	29	4.2	159	28	1
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		Type3	1	6.1	487	16	1
		Type3	2	7.1	344	16	1
		Type3	3	9.8	288	18	1
		Type3	4	8.9	230	18	1
		Type3	5	7.9	432	17	1
		Type3	6	8.2	207	17	1

		Type3	7	7.5	443	17	1
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		Type3	9	6.2	223	16	1
		Type3	10	8.9	208	18	1
		Type3	11	9.6	463	18	1
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		Type3	13	7.2	323	16	1
		Type3	14	9.5	297	18	1
		Type3	15	8	412	17	1
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		Type3	17	7.4	271	17	1
		Type3	18	7.9	349	17	1
		Type3	19	7.3	409	16	1
		Type3	20	8.7	373	18	1
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		Type3	23	7.9	278	17	1
		Type3	24	7.5	317	17	1
		Type3	25	6.1	260	16	1
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		Type3	27	9.7	272	18	1
		Type3	28	7.4	264	17	1
		Type3	29	9.2	284	18	1
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		Type4	1	11.3	487	12	1
		Type4	2	13.5	344	13	1
		Type4	3	19.4	288	16	1
		Type4	4	17.5	230	15	1
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		Type4	7	14.3	443	13	1
		Type4	8	15.8	439	14	1
		Type4	9	11.5	223	12	1
		Type4	10	17.4	208	15	1
		Type4	11	19	463	16	1
		Type4	12	16	441	14	1

		Type4	13	13.8	323	13	1
		Type4	14	18.9	297	16	1
		Type4	15	15.5	412	14	1
		Type4	16	19.9	324	16	1
		Type4	17	14.1	271	13	1
		Type4	18	15.2	349	14	1
		Type4	19	13.8	409	13	1
		Type4	20	17.1	373	15	1
		Type4	21	13.8	254	13	1
		Type4	22	19.8	274	16	1
		Type4	23	15.3	278	14	1
		Type4	24	14.5	317	13	1
		Type4	25	11.3	260	12	1
		Type4	26	17.3	211	15	1
		Type4	27	19.2	272	16	1
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		Type4	29	18.2	284	15	1

TestMode	Frequency[MHz]	Radar Type	Trial ID	Number Of Bursts	Wavform Length (s))	Radar Frequency	Detection (1: Yes; 0: No)
20M	5320	Type5	0	15	12	5320	1
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		Type5	4	17	12	5320	1
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		Type5	7	12	12	5320	1
		Type5	8	14	12	5320	1
		Type5	9	8	12	5320	1
		Type5	10	17	12	5318.0335	1
		Type5	11	19	12	5319.2335	1
		Type5	12	15	12	5316.8335	1
		Type5	13	12	12	5315.6335	1
		Type5	14	19	12	5318.8335	1
		Type5	15	14	12	5316.4335	1
		Type5	16	20	12	5319.6335	1
		Type5	17	12	12	5315.6335	1
		Type5	18	14	12	5316.4335	1
		Type5	19	12	12	5315.6335	1
		Type5	20	16	12	5322.3665	1
		Type5	21	12	12	5324.7665	1
		Type5	22	20	12	5320.3665	1
		Type5	23	14	12	5323.5665	1
		Type5	24	13	12	5323.9665	1
		Type5	25	8	12	5326.3665	1
		Type5	26	17	12	5321.9665	1
		Type5	27	19	12	5320.7665	1
		Type5	28	12	12	5324.3665	1
		Type5	29	18	12	5321.5665	1
	5500	Type5	0	15	12	5500	1
		Type5	1	8	12	5500	1
		Type5	2	11	12	5500	1
		Type5	3	20	12	5500	1

		Type5	4	17	12	5500	1
		Type5	5	14	12	5500	1
		Type5	6	15	12	5500	1
		Type5	7	12	12	5500	1
		Type5	8	14	12	5500	1
		Type5	9	8	12	5500	1
		Type5	10	17	12	5498.0325	1
		Type5	11	19	12	5499.2325	1
		Type5	12	15	12	5496.8325	1
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		Type5	22	20	12	5500.3675	1
		Type5	23	14	12	5503.5675	1
		Type5	24	13	12	5503.9675	1
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		Type5	26	17	12	5501.9675	1
		Type5	27	19	12	5500.7675	1
		Type5	28	12	12	5504.3675	1
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		Type5	2	11	12	5310	1
		Type5	3	20	12	5310	1
		Type5	4	17	12	5310	1
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		Type5	7	12	12	5310	1
		Type5	8	14	12	5310	1
		Type5	9	8	12	5310	1
		Type5	10	17	12	5297.333	1

		Type5	11	19	12	5298.533	1
		Type5	12	15	12	5296.133	1
		Type5	13	12	12	5294.933	1
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		Type5	15	14	12	5295.733	1
		Type5	16	20	12	5298.933	1
		Type5	17	12	12	5294.933	1
		Type5	18	14	12	5295.733	1
		Type5	19	12	12	5294.933	1
		Type5	20	16	12	5323.067	1
		Type5	21	12	12	5325.467	1
		Type5	22	20	12	5321.067	1
		Type5	23	14	12	5324.267	1
		Type5	24	13	12	5324.667	1
		Type5	25	8	12	5327.067	1
		Type5	26	17	12	5322.667	1
		Type5	27	19	12	5321.467	1
		Type5	28	12	12	5325.067	1
		Type5	29	18	12	5322.267	1
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		Type5	1	8	12	5510	1
		Type5	2	11	12	5510	1
		Type5	3	20	12	5510	1
		Type5	4	17	12	5510	1
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		Type5	14	19	12	5498.1405	1
		Type5	15	14	12	5495.7405	1
		Type5	16	20	12	5498.9405	1
		Type5	17	12	12	5494.9405	1

		Type5	18	14	12	5495.7405	1
		Type5	19	12	12	5494.9405	1
		Type5	20	16	12	5523.0595	1
		Type5	21	12	12	5525.4595	1
		Type5	22	20	12	5521.0595	1
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		Type5	28	12	12	5525.0595	1
		Type5	29	18	12	5522.2595	1
80M	5290	Type5	0	15	12	5290	1
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		Type5	2	11	12	5290	1
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		Type5	4	17	12	5290	1
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		Type5	7	12	12	5290	1
		Type5	8	14	12	5290	1
		Type5	9	8	12	5290	1
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		Type5	12	15	12	5256.4535	1
		Type5	13	12	12	5255.2535	1
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		Type5	15	14	12	5256.0535	1
		Type5	16	20	12	5259.2535	1
		Type5	17	12	12	5255.2535	1
		Type5	18	14	12	5256.0535	1
		Type5	19	12	12	5255.2535	1
		Type5	20	16	12	5322.7465	1
		Type5	21	12	12	5325.1465	1
		Type5	22	20	12	5320.7465	1
		Type5	23	14	12	5323.9465	1
		Type5	24	13	12	5324.3465	1

		Type5	25	8	12	5326.7465	1
		Type5	26	17	12	5322.3465	1
		Type5	27	19	12	5321.1465	1
		Type5	28	12	12	5324.7465	1
		Type5	29	18	12	5321.9465	1
	5530	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	5497.5495	1
		Type5	11	19	12	5498.7495	1
		Type5	12	15	12	5496.3495	1
		Type5	13	12	12	5495.1495	1
		Type5	14	19	12	5498.3495	1
		Type5	15	14	12	5495.9495	1
		Type5	16	20	12	5499.1495	1
		Type5	17	12	12	5495.1495	1
		Type5	18	14	12	5495.9495	1
		Type5	19	12	12	5495.1495	1
		Type5	20	16	12	5562.8505	1
		Type5	21	12	12	5565.2505	1
		Type5	22	20	12	5560.8505	1
		Type5	23	14	12	5564.0505	1
		Type5	24	13	12	5564.4505	1
		Type5	25	8	12	5566.8505	1
		Type5	26	17	12	5562.4505	1
		Type5	27	19	12	5561.2505	1
		Type5	28	12	12	5564.8505	1
		Type5	29	18	12	5562.0505	1
160M	5250	Type5	0	15	12	5260	1
		Type5	1	8	12	5260	1

		Type5	2	11	12	5260	1
		Type5	3	20	12	5260	1
		Type5	4	17	12	5260	1
		Type5	5	14	12	5260	1
		Type5	6	15	12	5260	1
		Type5	7	12	12	5260	1
		Type5	8	14	12	5260	1
		Type5	9	8	12	5260	1
		Type5	10	17	12	5188.735	1
		Type5	11	19	12	5189.935	1
		Type5	12	15	12	5187.535	1
		Type5	13	12	12	5186.335	1
		Type5	14	19	12	5189.535	1
		Type5	15	14	12	5187.135	1
		Type5	16	20	12	5190.335	1
		Type5	17	12	12	5186.335	1
		Type5	18	14	12	5187.135	1
		Type5	19	12	12	5186.335	1
		Type5	20	16	12	5331.665	1
		Type5	21	12	12	5334.065	1
		Type5	22	20	12	5329.665	1
		Type5	23	14	12	5332.865	1
		Type5	24	13	12	5333.265	1
		Type5	25	8	12	5335.665	1
		Type5	26	17	12	5331.265	1
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		Type5	28	12	12	5333.665	1
		Type5	29	18	12	5330.865	1
	5570	Type5	0	15	12	5570	1
		Type5	1	8	12	5570	1
		Type5	2	11	12	5570	1
		Type5	3	20	12	5570	1
		Type5	4	17	12	5570	1
		Type5	5	14	12	5570	1
		Type5	6	15	12	5570	1
		Type5	7	12	12	5570	1
		Type5	8	14	12	5570	1

		Type5	9	8	12	5570	1
		Type5	10	17	12	5497.985	1
		Type5	11	19	12	5499.185	1
		Type5	12	15	12	5496.785	1
		Type5	13	12	12	5495.585	1
		Type5	14	19	12	5498.785	1
		Type5	15	14	12	5496.385	1
		Type5	16	20	12	5499.585	1
		Type5	17	12	12	5495.585	1
		Type5	18	14	12	5496.385	1
		Type5	19	12	12	5495.585	1
		Type5	20	16	12	5642.415	1
		Type5	21	12	12	5644.815	1
		Type5	22	20	12	5640.415	1
		Type5	23	14	12	5643.615	1
		Type5	24	13	12	5644.015	1
		Type5	25	8	12	5646.415	1
		Type5	26	17	12	5642.015	1
		Type5	27	19	12	5640.815	1
		Type5	28	12	12	5644.415	1
		Type5	29	18	12	5641.615	1

TestMode	Frequency[MHz]	Radar Type	Trial ID	Pulse width (μs)	PRI (μs)	Pulses per Hop	Detection (1: Yes; 0: No)
20M	5320	Type6	0	1	333.3	9	1
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		Type6	2	1	333.3	9	1
		Type6	3	1	333.3	9	1
		Type6	4	1	333.3	9	1
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		Type6	26	1	333.3	9	1
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		Type6	28	1	333.3	9	1
		Type6	29	1	333.3	9	1
	5500	Type6	0	1	333.3	9	1
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		Type6	4	1	333.3	9	1
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		Type6	26	1	333.3	9	1
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		Type6	28	1	333.3	9	1
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40M	5310	Type6	0	1	333.3	9	0
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		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

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		Type6	26	1	333.3	9	1
		Type6	27	1	333.3	9	1
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		Type6	13	1	333.3	9	1

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		Type6	18	1	333.3	9	1
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80M	5290	Type6	0	1	333.3	9	0
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		Type6	3	1	333.3	9	1
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		Type6	17	1	333.3	9	1
		Type6	18	1	333.3	9	1
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		Type6	23	1	333.3	9	1
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160M	5250	Type6	0	1	333.3	9	1
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--END--