

DFS TEST REPORT

Product Name: GPON ONT
Trade Mark: SKYWORTH, STRONG, QVWI, ACL fiber
Model No.: SK-D7462v3
Add. Model No.: TEN03, GN630V, ACLF646
Report Number: 25071118980RFC-3
Test Standards: FCC 47 CFR Part 15 Subpart E
FCC ID: WNA-TEN03
Test Result: PASS
Date of Issue: September 26, 2025

Prepared for:

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UTTR-RF-FCCPART15.407-V1.3

Version

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V1.0	September 26, 2025	Original



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1. GENERAL INFORMATION

1.1 CLIENT INFORMATION

Applicant:	Shenzhen Skyworth Digital Technology Co., LTD.
Address of Applicant:	14/F, Unit A, Skyworth Building, Gaoxin Ave.1.S., Nanshan District, Shenzhen, China
Manufacturer:	Shenzhen Skyworth Digital Technology Co., LTD.
Address of Manufacturer:	14/F, Unit A, Skyworth Building, Gaoxin Ave.1.S., Nanshan District, Shenzhen, China

1.2 EUT INFORMATION

1.2.1 General Description of EUT

Product Name:	GPON ONT		
Model No.:	SK-D7462v3		
Add. Model No.:	TEN03, GN630V, ACLF646		
Trade Mark:	SKYWORTH, STRONG, QVWI, ACL fiber		
DUT Stage:	Identical Prototype		
EUT Supports Function: (Provided by the customer)	2.4 GHz ISM Band:	IEEE 802.11b/g/n/ax	
	5 GHz U-NII Bands:	5 150 MHz to 5 250 MHz	IEEE 802.11a/n/ac/ax
		5 250 MHz to 5 350 MHz	IEEE 802.11a/n/ac/ax
		5 470 MHz to 5 725 MHz	IEEE 802.11a/n/ac/ax
		5 725 MHz to 5 850 MHz	IEEE 802.11a/n/ac/ax
Software Version:	V1.0.0(Provided by the customer)		
Hardware Version:	V1.0(Provided by the customer)		
Sample Received Date:	July 10, 2024		
Sample Tested Date:	July 17, 2025 to August 29, 2025		

1.2.2 Description of Accessories

Adapter(1)	
Model No.:	AH-SDT120150U5xP (x=0-9, represent different customer and different output cord, not affecting safety)
Input:	100-240 V~50/60Hz 0.6 A
Output:	12.0 V $\equiv$ 1.5 A 18.0W
DC Cable:	1.5 Meter, Unshielded without ferrite

Adapter(2)	
Model No.:	YS-SKY120150U0xP (x=0-9, indicates marketing purpose ,no safety and EMC impact)
Input:	100-240 V~50/60Hz 0.6 A
Output:	12.0 V $\equiv$ 1.5 A
DC Cable:	1.5 Meter, Unshielded without ferrite

1.3 PRODUCT SPECIFICATION SUBJECTIVE TO THIS STANDARD

Frequency Bands:	5150 MHz to 5250 MHz (U-NII-1)
	5250 MHz to 5350 MHz (U-NII-2A)
	5470 MHz to 5725 MHz (U-NII-2C)
	5725 MHz to 5850 MHz (U-NII-3)

Frequency Ranges:	5180 MHz to 5240 MHz
	5260 MHz to 5320 MHz
	5500 MHz to 5720 MHz
	5745 MHz to 5825 MHz
Support Standards:	IEEE 802.11a/n/ac/ax
TPC Function:	Support
DFS Operational mode:	Master
Category:	Indoor AP
Type of Modulation:	IEEE 802.11a/n: OFDM (64QAM, 16QAM, QPSK, BPSK)
	IEEE 802.11ac: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK)
	IEEE 802.11ax:
	OFDM/OFDMA (1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK)
Channel Spacing:	IEEE 802.11a/n-HT20/ac-VHT20/ax-HE20: 20 MHz
	IEEE 802.11n-HT40/ac-VHT40/ax-HE40: 40 MHz
	IEEE 802.11ac-VHT80/ax-HE80: 80 MHz
	IEEE 802.11ac-VHT160/ax-HE160: 160 MHz
Data Rate:	IEEE 802.11a: Up to 54 Mbps
	IEEE 802.11n: Up to MCS15
	IEEE 802.11ac-VHT20: Up to MCS8
	IEEE 802.11ac-VHT40/VHT80/VHT160: Up to MCS9
	IEEE 802.11ax-HE20/HE40/HE80/HE160: Up to MCS11
Number of Channels:	5150 MHz to 5350 MHz: 8 for 802.11a/n-HT20/ac-VHT20/ax-HE20 4 for 802.11n-HT40/ac-VHT40/ax-HE40 2 for 802.11ac-VHT80/ax-HE80 1 for 802.11ac-VHT160/ax-HE160
	5470 MHz to 5725 MHz: 11 for 802.11a/n-HT20/ac-VHT20/ax-HE20 5 for 802.11n-HT40/ac-VHT40/ax-HE40 2 for 802.11ac-VHT80/ax-HE80 1 for 802.11ac-VHT160/ax-HE160
	5725 MHz to 5850 MHz: 5 for IEEE 802.11a/n-HT20/ac-VHT20/ax-HE20 2 for IEEE 802.11n-HT40/ac-VHT40/ax-HE40 1 for IEEE 802.11ac-VHT80/ax-HE80

1.4 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested with associated equipment below.

1) Support Equipment

Description	Manufacturer	Model No.	Serial Number	Supplied by
Key-Press Attenuator	Huaxin	KT2.5-90/1S-2S	UTTTL-EN023	UnionTrust
4 Way Divider	WOKEN	0120A040560002D	UTTTL-EN028	UnionTrust
Notebook	DELL	Latitude 3400	16238087894	UnionTrust
Enterprise Full Touch Handheld Computer	Bluebird Inc.	EF551	S2022120907-ZJC12/12	UnionTrust

2) Support Cable

Cable No.	Description	Connector	Length(Meter)	Supplied by
1	Ethernet Cable*1	RJ45	1.5 Unshielded without ferrite	UnionTrust
2	Antenna Cable*2	SMA	0.3	UnionTrust

1.5 TEST LOCATION

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F, Block A, Building 6th, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, China

Telephone: +86 (0) 755 2823 0888

Fax: +86 (0) 755 2823 0886

1.6 TEST FACILITY

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

CNAS-Lab Code: L9069

The measuring equipment utilized to perform the tests documented in this report has been calibrated once a year or in accordance with the manufacturer's recommendations, and is traceable under the ISO/IEC 17025 to international or national standards. Equipment has been calibrated by accredited calibration laboratories.

A2LA-Lab Certificate No.: 4312.01

Shenzhen UnionTrust Quality and Technology Co., Ltd. has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

ISED Wireless Device Testing Laboratories

CAB identifier: CN0032

FCC Accredited Lab.

Designation Number: CN1194

Test Firm Registration Number: 259480

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1.7 DEVIATION FROM STANDARDS

None.

1.8 ABNORMALITIES FROM STANDARD CONDITIONS

None.

1.9 OTHER INFORMATION REQUESTED BY THE CUSTOMER

None.



2. TEST SUMMARY

Test Requirement	Measured				Limit	Result
	5250 MHz to 5350 MHz (U-NII-2A)		5470 MHz to 5725 MHz (U-NII-2C)			
	20 MHz 5280 MHz	40 MHz 5310 MHz	20 MHz 5500 MHz	40 MHz 5510 MHz		
Channel Availability Check Time	> 60 sec	> 60 sec	> 60 sec	> 60 sec	> 60sec	PASS
U-NII Detection Bandwidth	20 MHz	38 MHz	20 MHz	38 MHz	> 100% of the U-NII 99% transmission power bandwidth	PASS
Channel Move Time	Note1	Note1	Note1	Note1	< 10 sec	PASS
Channel Closing Transmission Time	Note1	Note1	Note1	Note1	< 200 ms + aggregate of 60 ms over remaining 10 s period	PASS
Non-Occupancy Period Test	No transmission or Beacons occurred	No transmission or Beacons occurred	No transmission or Beacons occurred	No transmission or Beacons occurred	> 30 minutes	PASS

Remark: Note 1 only require test widest bandwidth

Test Requirement	Measured				Limit	Result
	5250 MHz to 5350 MHz (U-NII-2A)		5470 MHz to 5725 MHz (U-NII-2C)			
	80 MHz 5290 MHz	160 MHz 5250 MHz	80 MHz 5530 MHz	160 MHz 5570 MHz		
Channel Availability Check Time	> 60 sec	> 60 sec	> 60 sec	> 60 sec	> 60sec	PASS
U-NII Detection Bandwidth	78 MHz	156 MHz	78 MHz	156 MHz	> 100% of the U-NII 99% transmission power bandwidth	PASS
Channel Move Time	Note1	1.337 s	Note1	1.3838 s	< 10 sec	PASS
Channel Closing Transmission Time	Note1	200ms + 18.06 ms	Note1	200ms + 17.63 ms	< 200 ms + aggregate of 60 ms over remaining 10 s period	PASS
Non-Occupancy Period Test	No transmission or Beacons occurred	No transmission or Beacons occurred	No transmission or Beacons occurred	No transmission or Beacons occurred	> 30 minutes	PASS

Remark: Note 1 only require test widest bandwidth

3. EQUIPMENT LIST

Conducted RF test Equipment List						
Used	Equipment	Manufacturer	Model No.	Serial Number	Cal. date	Cal. Due date
☒	EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY51440197	28-Mar-2025	27-Mar-2026
☒	MXG X-Series RF Vector Signal Generator	KEYSIGHT	N5182B	MY51350267	25-Oct-2024	24-Oct-2025
☒	Spectrum Analyzer	R&S	FSV40-N	101653	28-Oct-2024	27-Oct-2025

4. ENVIRONMENTAL CONDITIONS FOR TESTING

Environment Parameter	Selected Values During Tests		
Test Condition	Ambient		
	Temperature (°C)	Voltage	Relative Humidity (%)
NT/NV	+15 to +35	12 Vdc	20 to 75
Remark: 1) NV: Normal Voltage; NT: Normal Temperature			

5. REQUIREMENTS AND PARAMETERS FOR DFS TEST

5.1 REFERENCE DOCUMENTS FOR TESTING

No.	Identity	Document Title
1	FCC 47 CFR Part 15	Radio Frequency Devices
2	KDB 905462 D06 802.11 Channel Plans New Rules v02	Operation in U-NII bands -802.11 channel PLAN(\$15.407)
3	KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02	Compliance measurement procedures for Unlicensed –National Information Infrastructure devices operates in the frequency bands 5250 MHz to 5350 MHz and 5470 MHz to 5725 MHz bands incorporating dynamic frequency selection
4	KDB 905462 D04 Test Mode New Rules v01	Operational modes suggested for DFS testing

5.2 APPLICABILITY OF DFS REQUIREMENTS

EUT Operating Mode:

DFS Operational mode	Operating Frequency Range	
	5250 MHz to 5350 MHz	5470 MHz to 5725 MHz
Master	✓	✓

Applicability:

The following table from KDB905462 and the lists of the applicable requirements for the DFS testing.

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 Device or	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 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.			

5.3 DFS DETECTION THRESHOLDS

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

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP $\geq$ 200 mw	-64 dBm
EIRP < 200 mw and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 mw 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 Interference Detection Threshold is -64 dBm

5.4 DFS RESPONSE REQUIREMENT VALUES

Table 4 – DFS Radar Signal Parameter Values:

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds (See Note 1.)
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. (See Notes 1 and 2.)
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. (See Note 3.)
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

5.5 SHORT PULSE RADAR TEST WAVEFORMS

DFS Radar Signal Parameter:

Radar 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

Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Trials
0	1	1428	18	See Note 1.	See Note 1.
1	1	Test A Test B	Roundup $\left\{ \left(\frac{1}{360} \right) \left(\frac{19 \cdot 10^6}{PRI_{\mu sec}} \right) \right\}$	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. 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

5.6 LONG PULSE RADAR TEST WAVEFORM

Long Pulse Radar Test Waveform

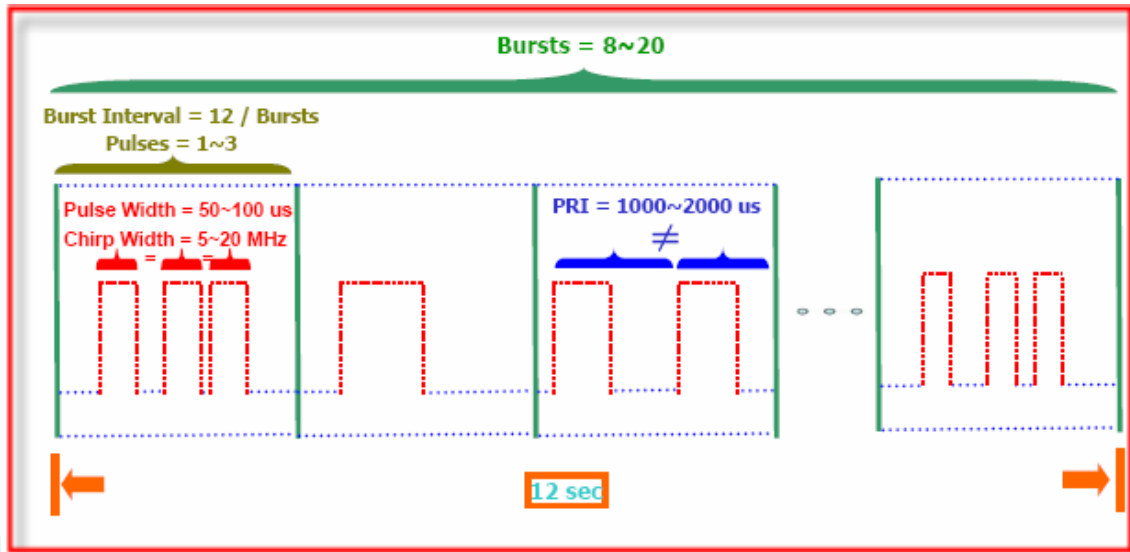
Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Number of Pulses per Burst	Number of Bursts	Minimum Percentage of Successful Detection	Minimum Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

The parameters for this waveform are randomly chosen. Thirty unique waveforms are required for the Long Pulse radar test signal. If more than 30 waveforms are used for the Long Pulse radar test signal, then each additional waveform must also be unique and not repeated from the previous waveforms. Each waveform is defined as follows:

- (1) The transmission period for the Long Pulse Radar test signal is 12 seconds.
- (2) There are a total of 8 to 20 Bursts in the 12 second period, with the number of Bursts being randomly chosen. This number is Burst_Count.
- (3) Each Burst consists of 1 to 3 pulses, with the number of pulses being randomly chosen. Each Burst within the 12 second sequence may have a different number of pulses.
- (4) The pulse width is between 50 and 100 microseconds, with the pulse width being randomly chosen. Each pulse within a Burst will have the same pulse width. Pulses in different Bursts may have different pulse widths.
- (5) Each pulse has a linear FM chirp between 5 and 20 MHz, with the chirp width being randomly chosen. Each pulse within a Burst will have the same chirp width. Pulses in different Bursts may have different chirp widths. The chirp is centered on the pulse. For example, with a radar frequency of 5300 MHz and a 20 MHz chirped signal, the chirp starts at 5290 MHz and ends at 5310 MHz.
- (6) If more than one pulse is present in a Burst, the time between the pulses will be between 1000 and 2000 microseconds, with the time being randomly chosen. If three pulses are present in a Burst, the time between the first and second pulses is chosen independently of the time between the second and third pulses.
- (7) The 12 second transmission period is divided into even intervals. The number of intervals is equal to Burst_Count. Each interval is of length $(12,000,000 / \text{Burst_Count})$ microseconds. Each interval contains one Burst. The start time for the Burst, relative to the beginning of the interval, is between 1 and $[(12,000,000 / \text{Burst_Count}) - (\text{Total Burst Length}) + (\text{One Random PRI Interval})]$ microseconds, with the start time being randomly chosen. The step interval for the start time is 1 microsecond. The start time for each Burst is chosen independently.

A representative example of a Long Pulse radar test waveform:

- (1) The total test signal length is 12 seconds.
- (2) 8 Bursts are randomly generated for the Burst_Count.
- (3) Burst 1 has 2 randomly generated pulses.
- (4) The pulse width (for both pulses) is randomly selected to be 75 microseconds.
- (5) The PRI is randomly selected to be at 1213 microseconds.
- (6) Bursts 2 through 8 are generated using steps 3 – 5.
- (7) Each Burst is contained in even intervals of 1,500,000 microseconds. The starting location for Pulse 1, Burst 1 is randomly generated (1 to 1,500,000 minus the total Burst 1 length + 1 random PRI interval) at the 325,001 microsecond step. Bursts 2 through 8 randomly fall in successive 1,500,000 microsecond intervals (i.e. Burst 2 falls in the 1,500,001 – 3,000,000 microsecond range).



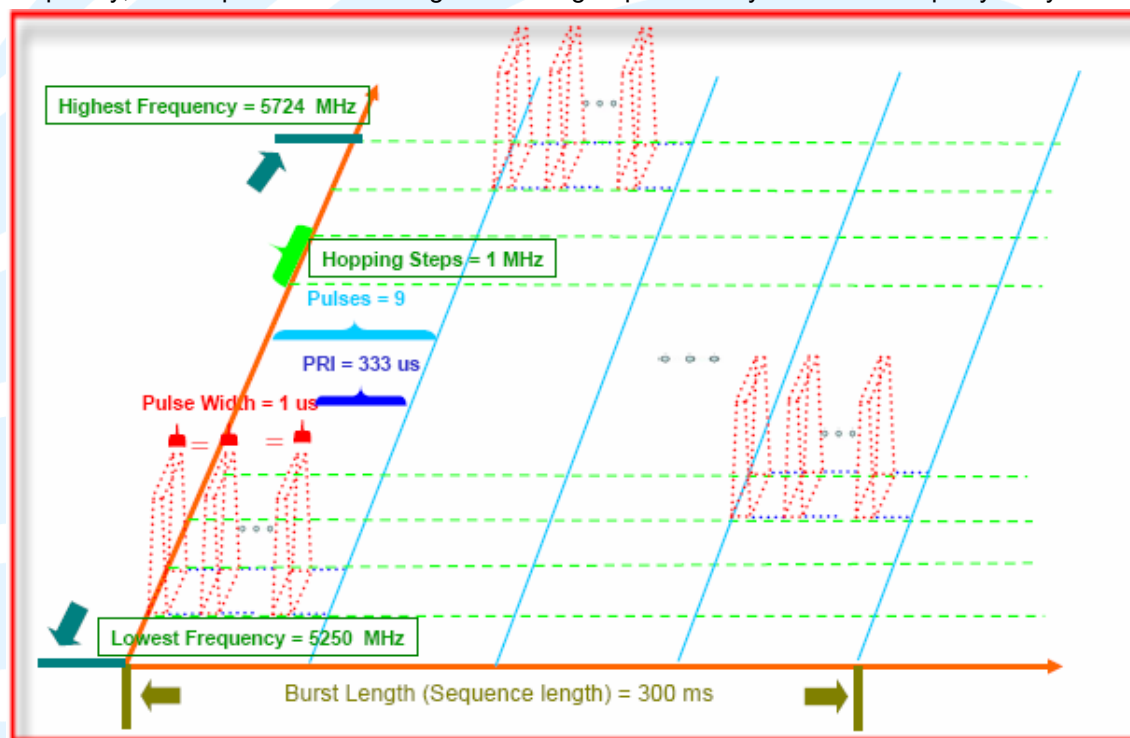
5.7 FREQUENCY HOPPING RADAR TEST WAVEFORM

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 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.



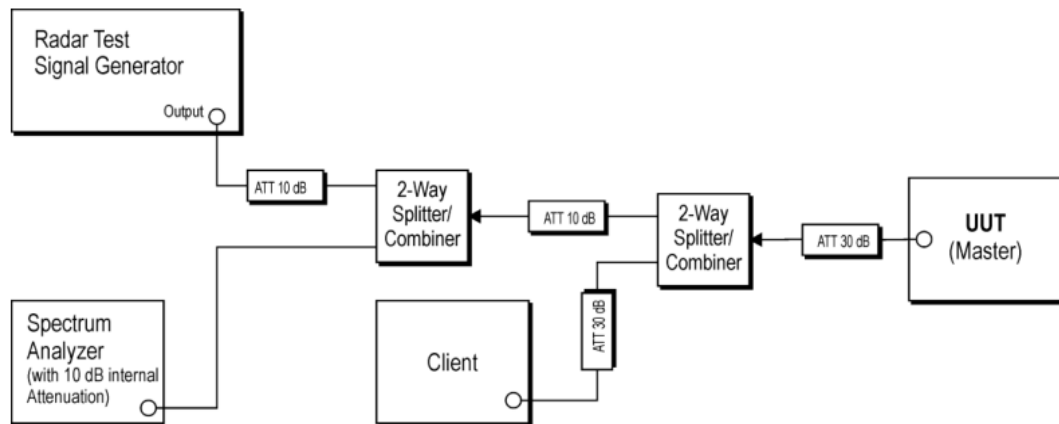
6. CALIBRATION SETUP AND DFS TEST RESULTS

6.1 CALIBRATION OF RADAR WAVEFORM

6.1.1 Radar Waveform Calibration Procedure

The Interference Radar Detection Threshold Level is -64 dBm that had been taken into account 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 0~6. 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 radar waveform. The vector signal generator amplitude was set so that the power level measured at the spectrum analyzer was -64 dBm. Capture the spectrum analyzer plots on radar waveform.

6.1.2 Conducted Calibration Setup



6.1.3 Calibration Deviation

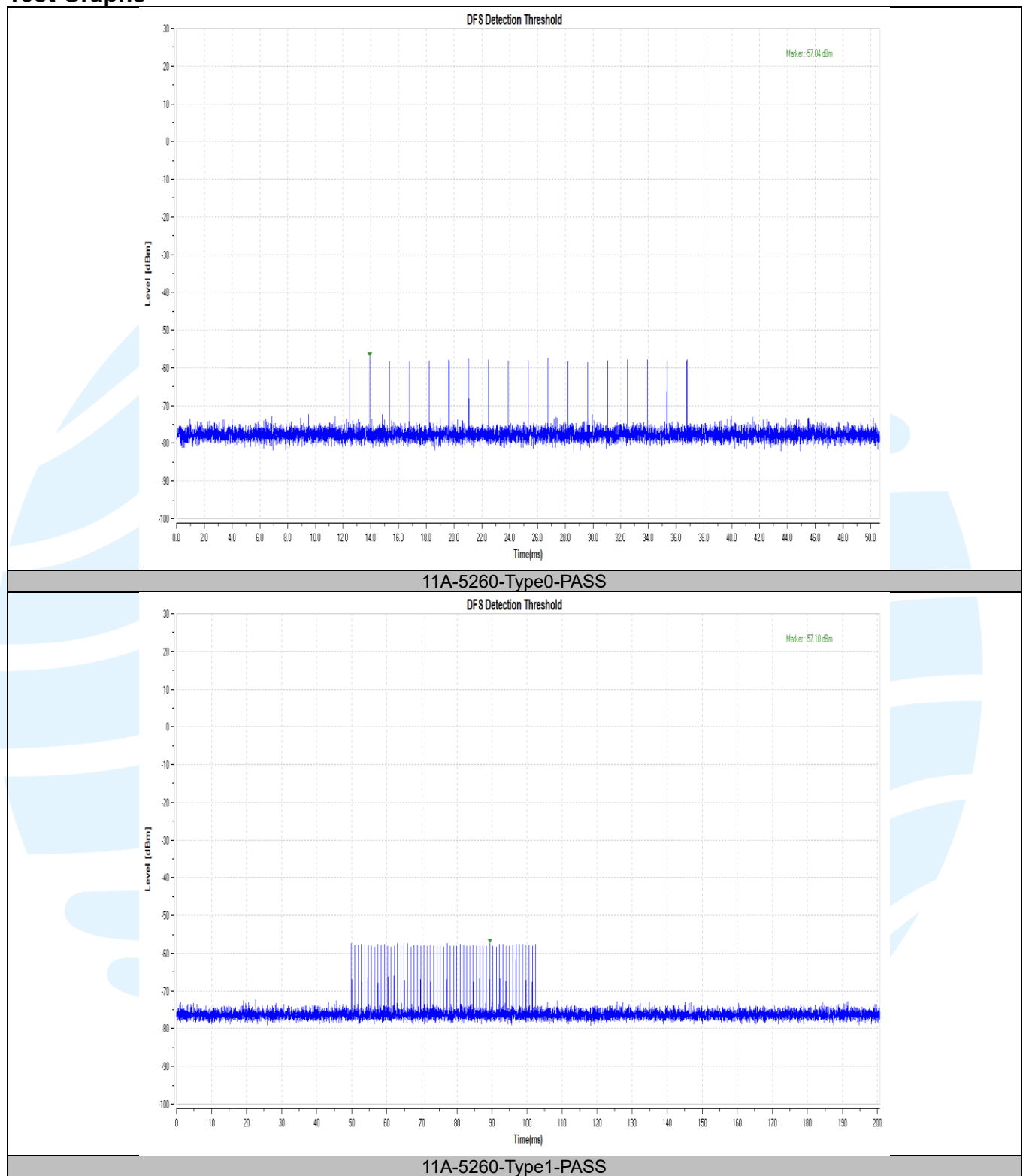
There is no deviation with the original standard.

6.1.4 Radar Waveform Calibration Result

Test Result

Test Mode	Frequency [MHz]	Radar Type	Result	Limit [dbm]	Verdict
11AX20SISO	5260	Type0	-57.04	-57.00	PASS
11AX20SISO	5260	Type1	-57.10	-57.00	PASS
11AX20SISO	5260	Type2	-57.49	-57.00	PASS
11AX20SISO	5260	Type3	-57.33	-57.00	PASS
11AX20SISO	5260	Type4	-57.25	-57.00	PASS
11AX20SISO	5260	Type5	-57.29	-57.00	PASS
11AX20SISO	5260	Type6	-57.49	-57.00	PASS
11AX20SISO	5500	Type0	-57.33	-57.00	PASS
11AX20SISO	5500	Type1	-57.26	-57.00	PASS
11AX20SISO	5500	Type2	-57.18	-57.00	PASS
11AX20SISO	5500	Type3	-57.10	-57.00	PASS
11AX20SISO	5500	Type4	-57.06	-57.00	PASS
11AX20SISO	5500	Type5	-57.45	-57.00	PASS
11AX20SISO	5500	Type6	-57.18	-57.00	PASS
11AX160SISO	5250	Type0	-57.09	-57.00	PASS
11AX160SISO	5250	Type1	-57.01	-57.00	PASS
11AX160SISO	5250	Type2	-57.18	-57.00	PASS
11AX160SISO	5250	Type3	-57.34	-57.00	PASS
11AX160SISO	5250	Type4	-57.39	-57.00	PASS
11AX160SISO	5250	Type5	-57.38	-57.00	PASS
11AX160SISO	5250	Type6	-60.06	-57.00	PASS
11AX40SISO	5270	Type0	-57.27	-57.00	PASS
11AX40SISO	5270	Type1	-57.27	-57.00	PASS
11AX40SISO	5270	Type2	-57.06	-57.00	PASS
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11AX40SISO	5510	Type3	-57.28	-57.00	PASS
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11AX40SISO	5510	Type6	-57.43	-57.00	PASS
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11AX80SISO	5290	Type6	-57.41	-57.00	PASS
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Test Graphs



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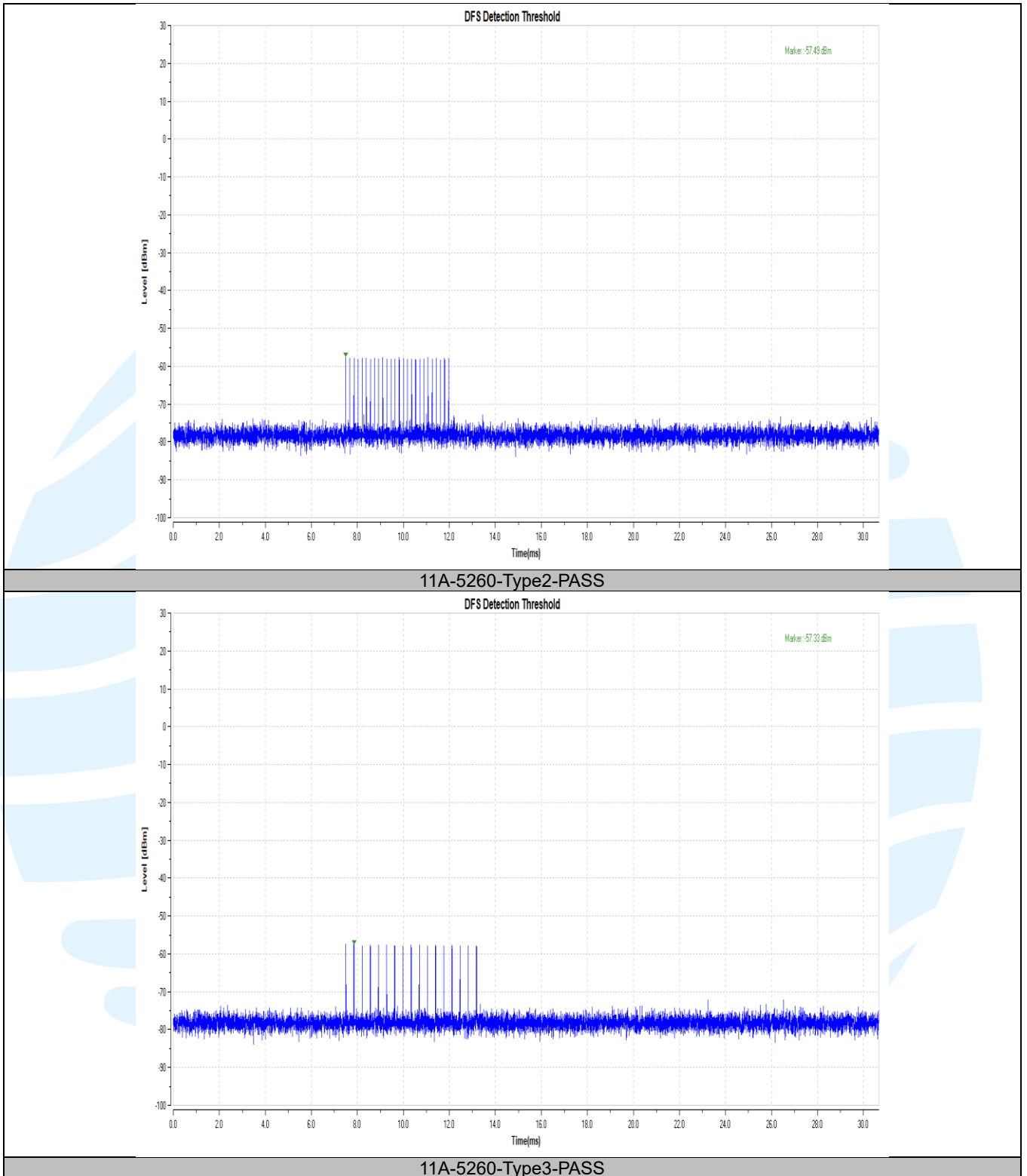
Address: 16/F, Block A, Building 6th, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, China

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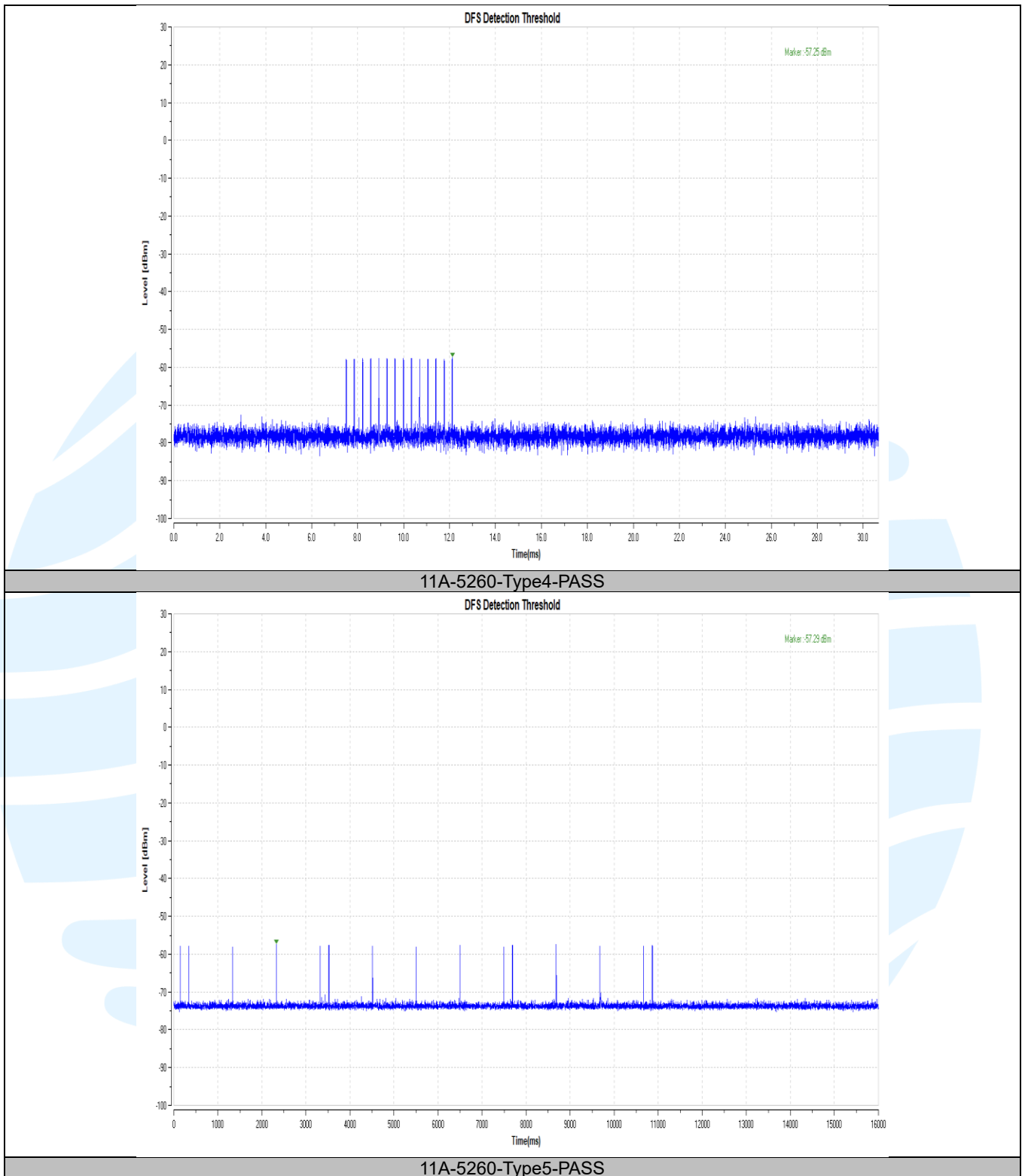
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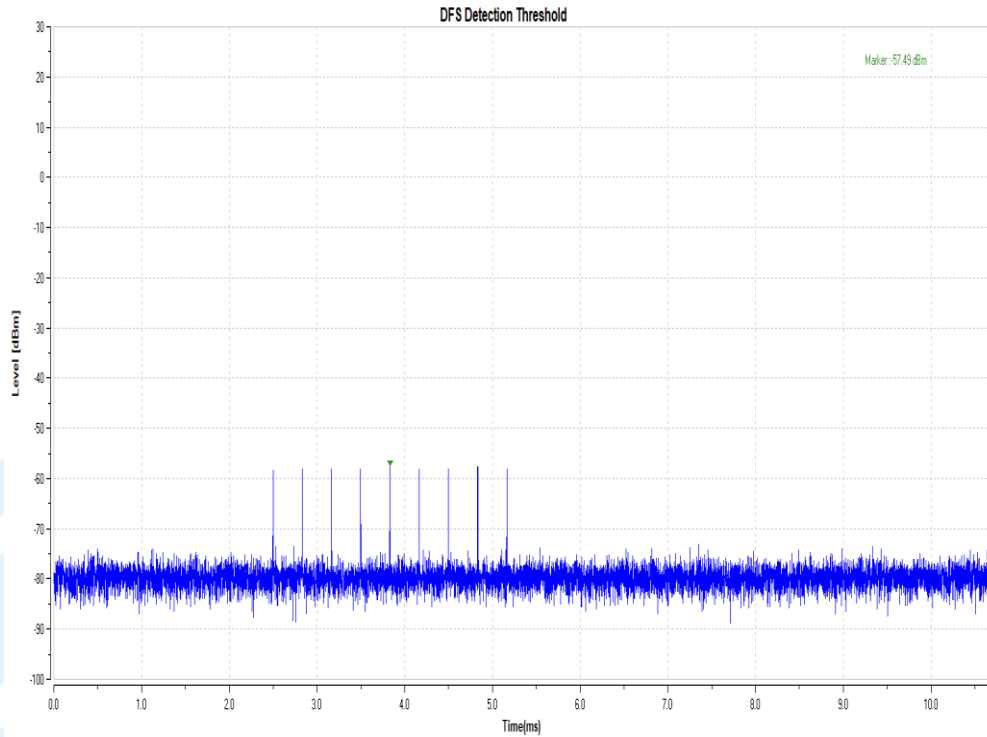
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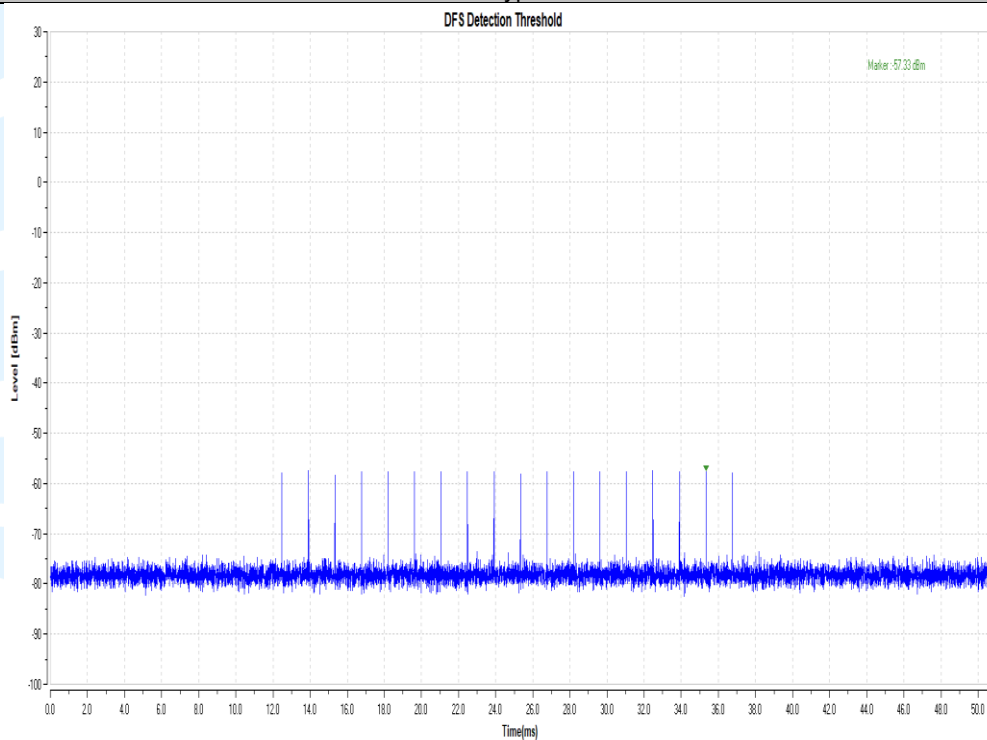
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11A-5260-Type6-PASS



11A-5500-Type0-PASS

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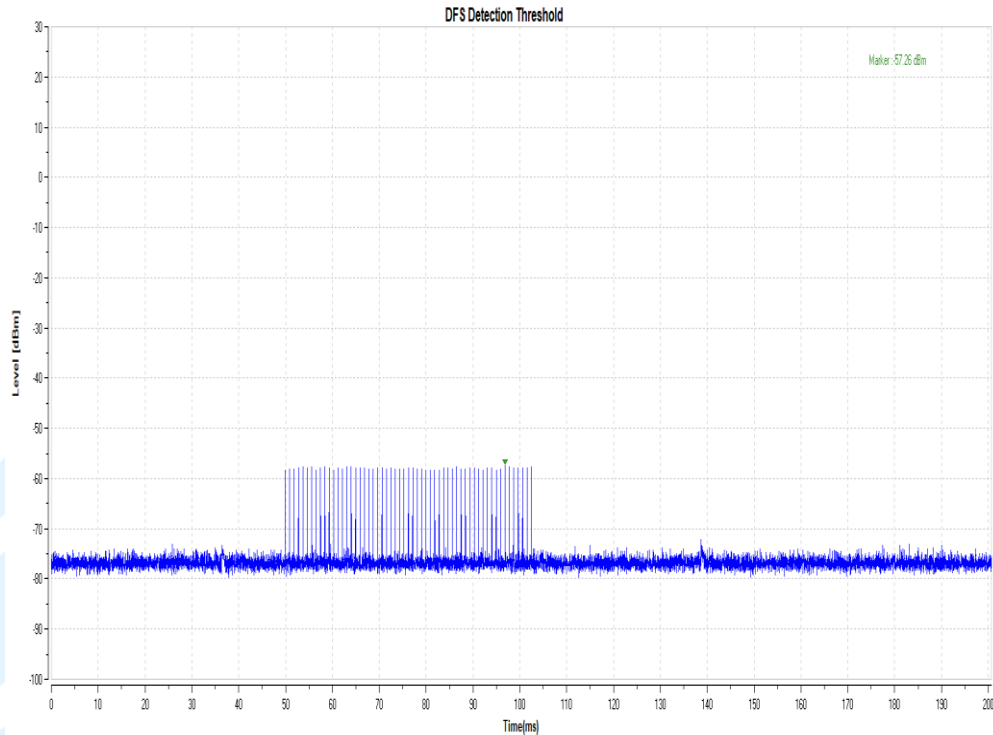
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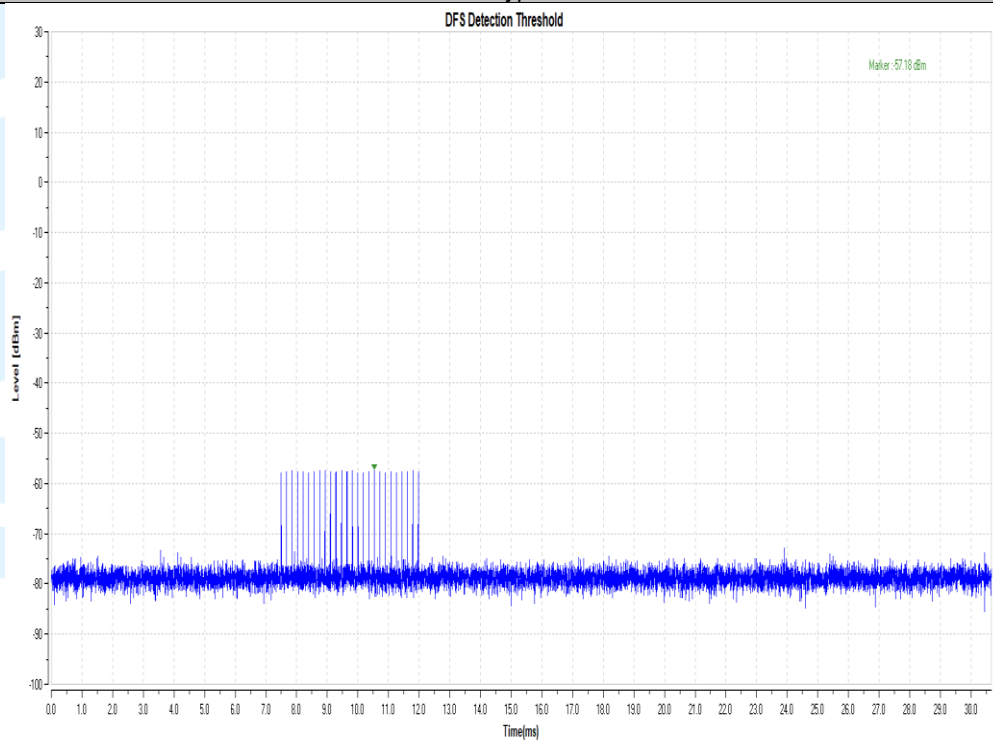
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11A-5500-Type1-PASS



11A-5500-Type2-PASS

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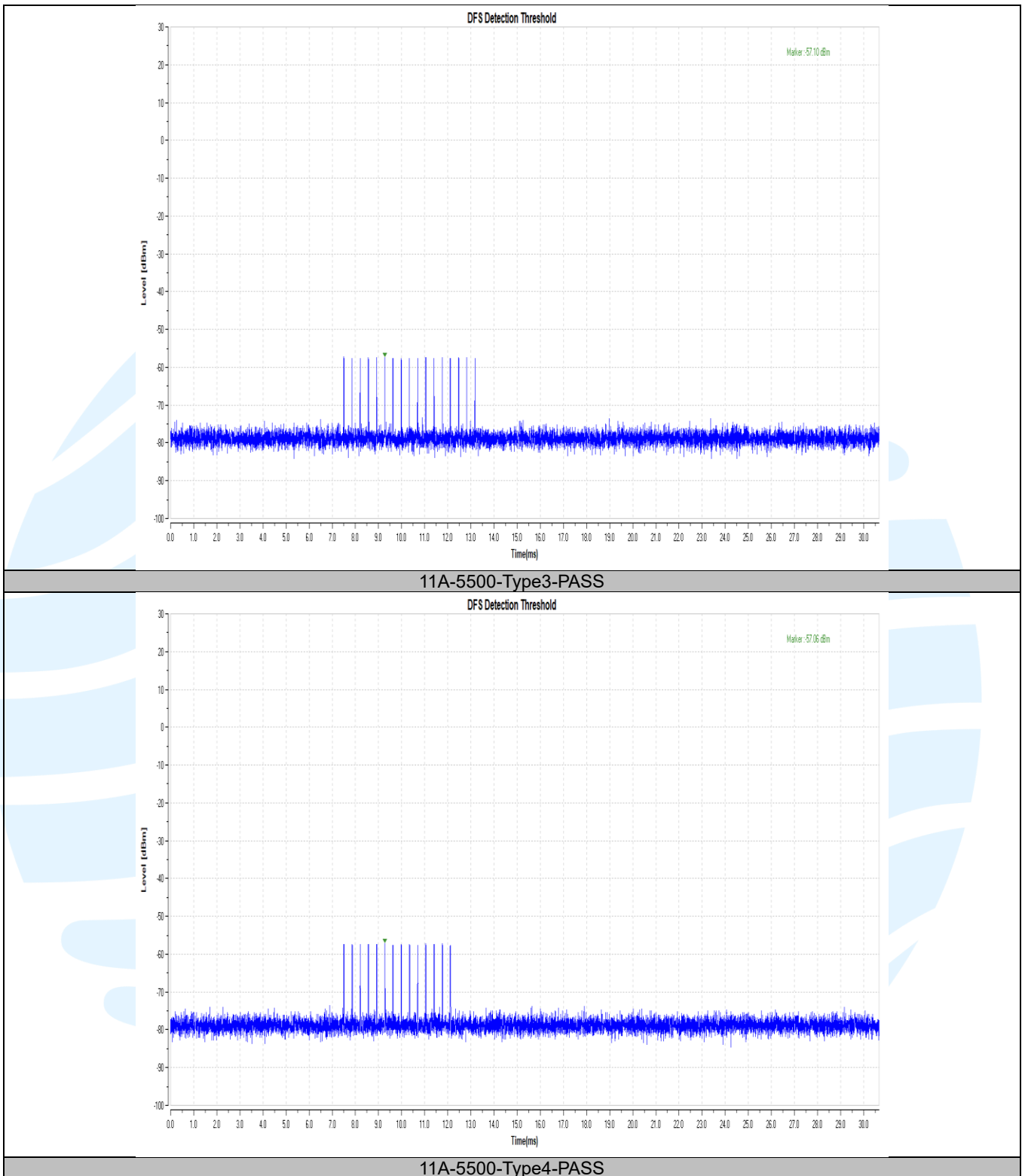
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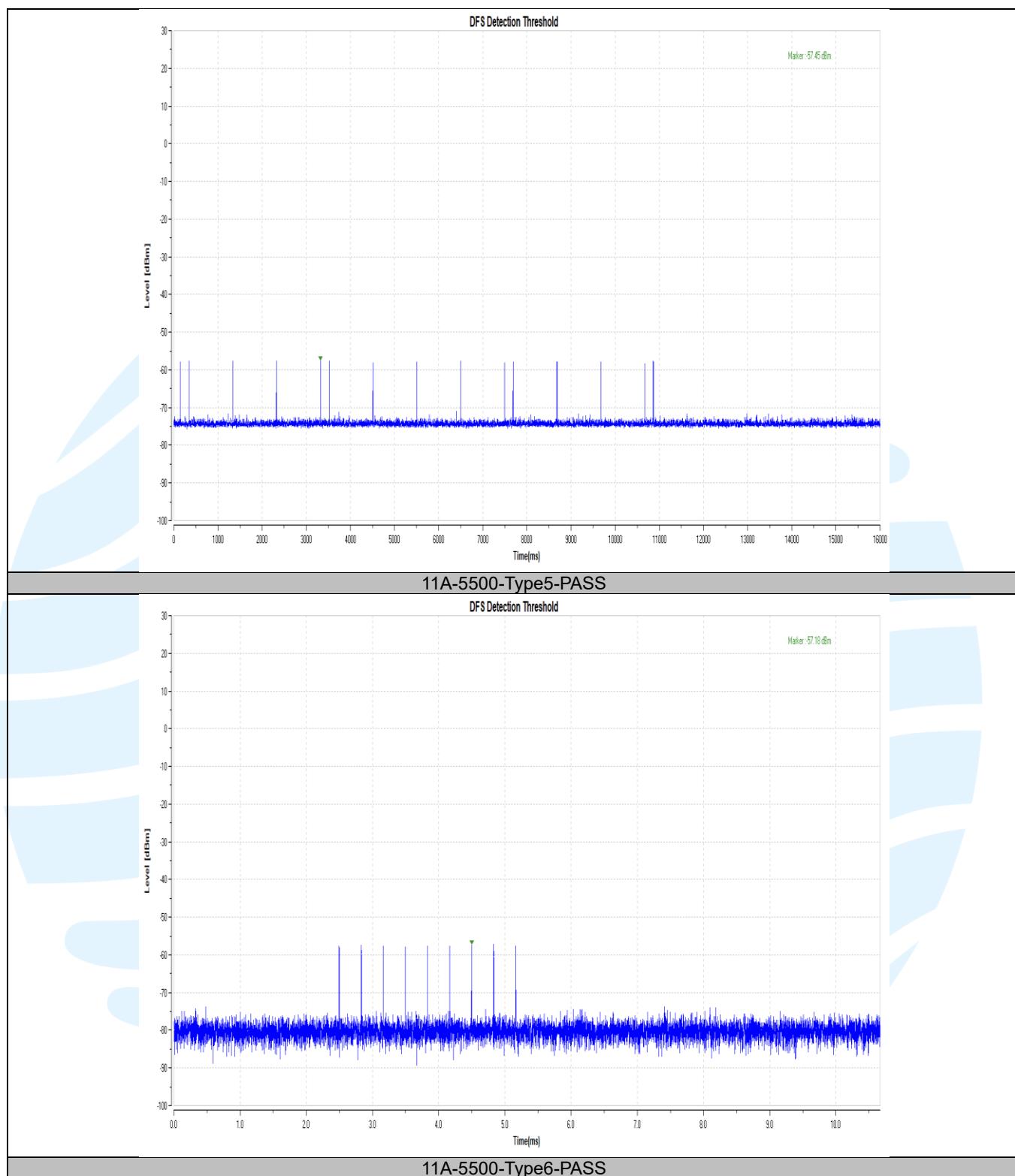
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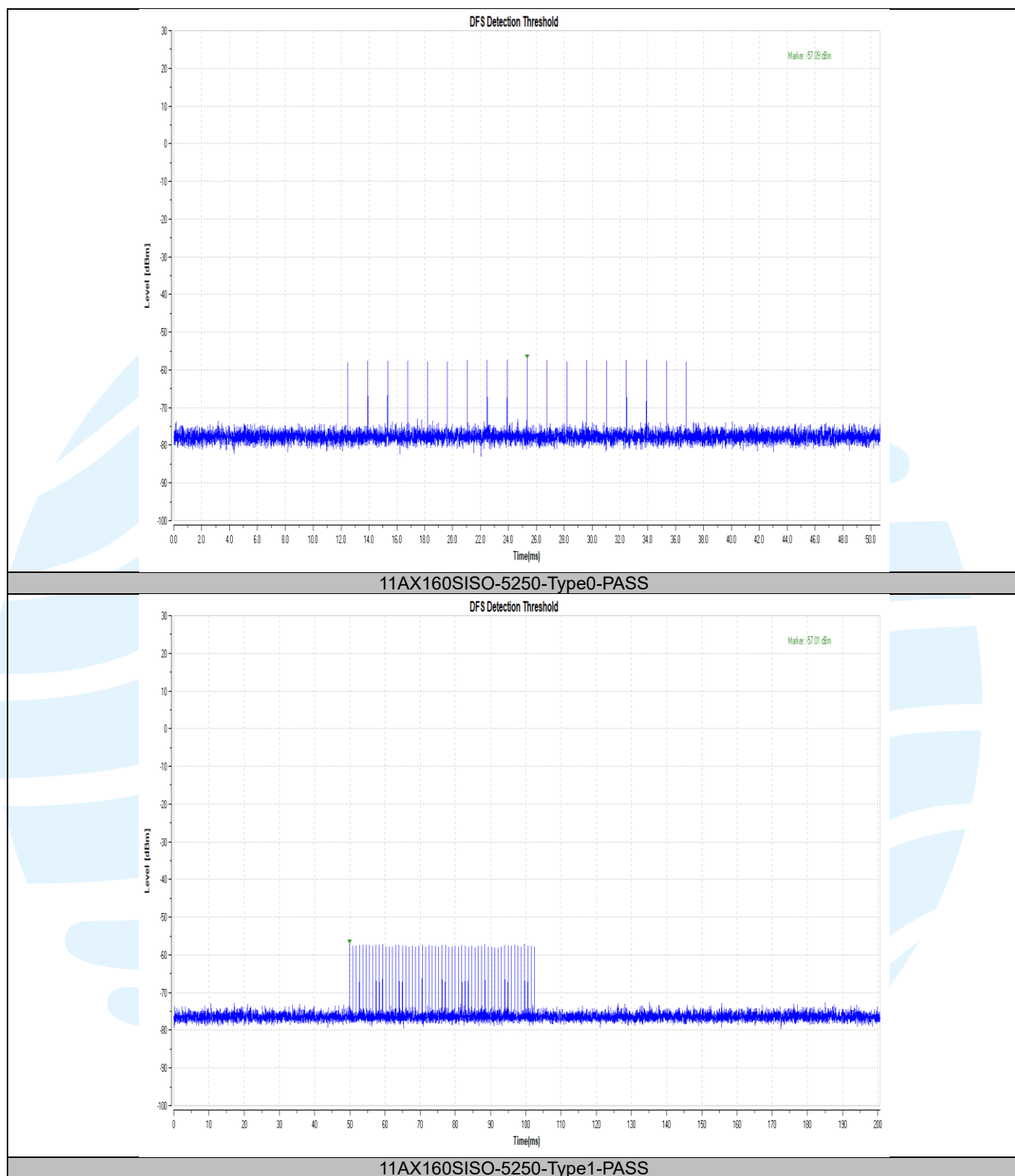
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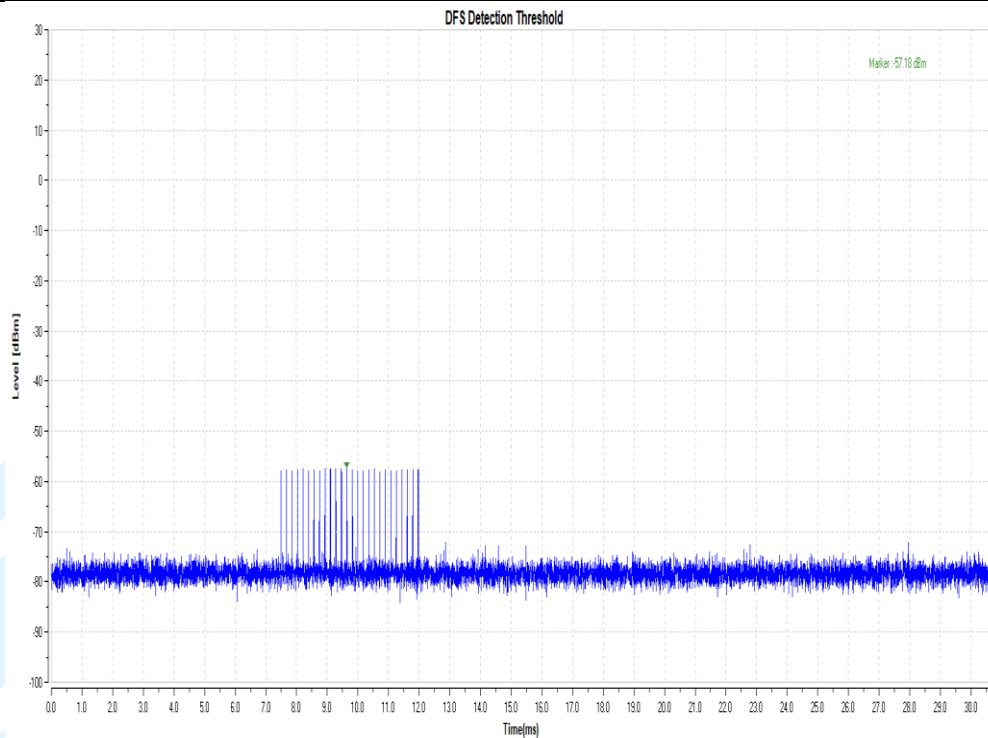
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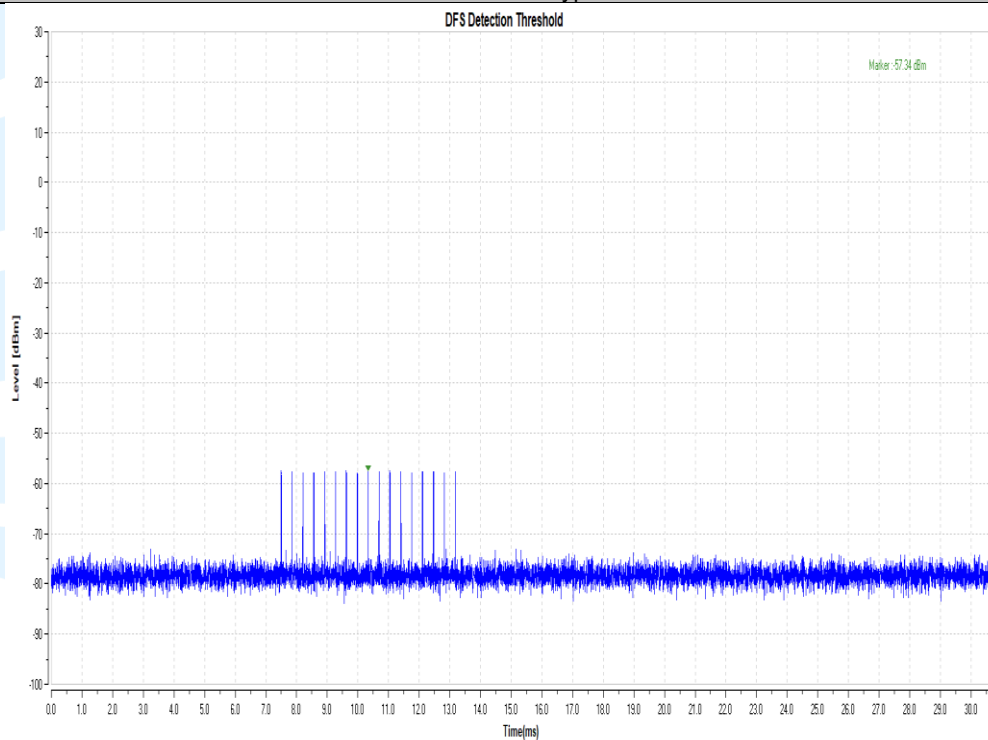
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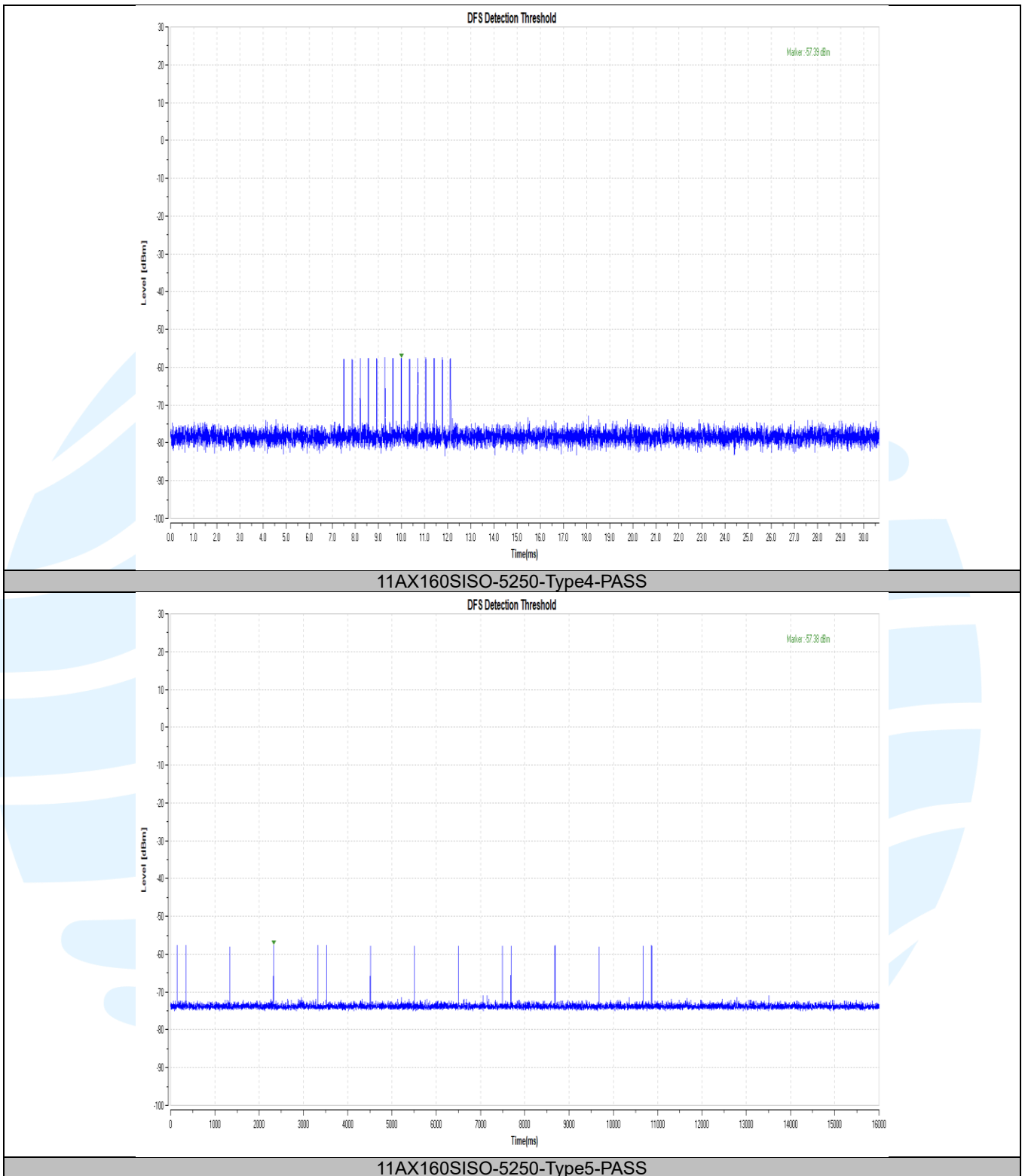
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11AX160SISO-5250-Type2-PASS



11AX160SISO-5250-Type3-PASS



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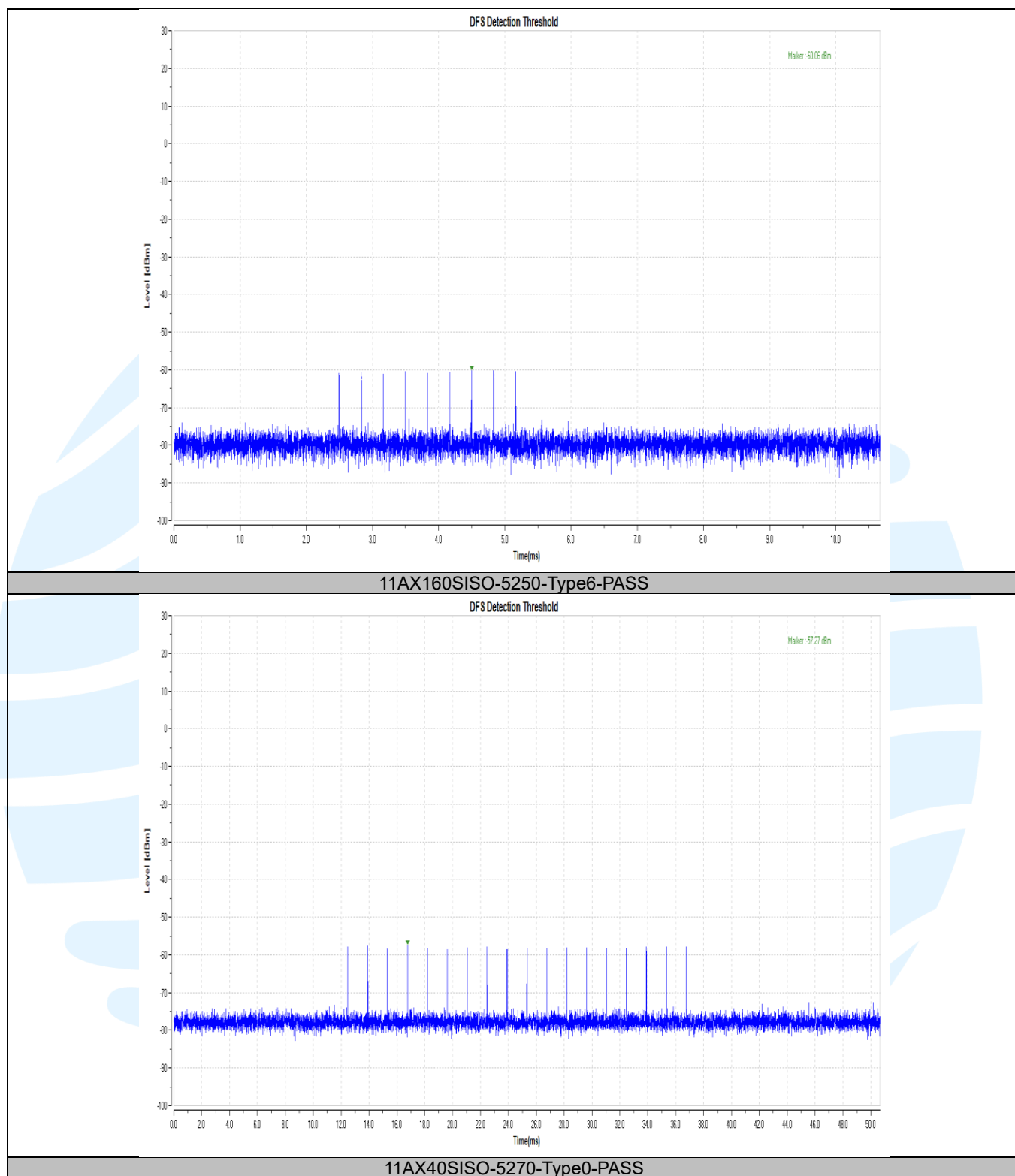
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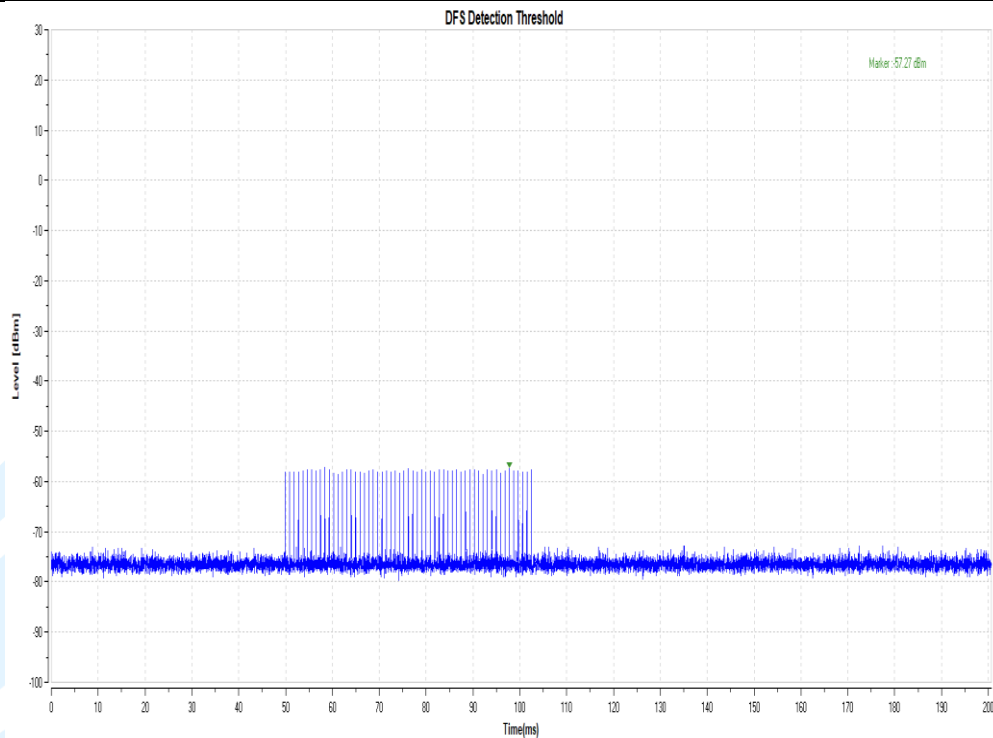
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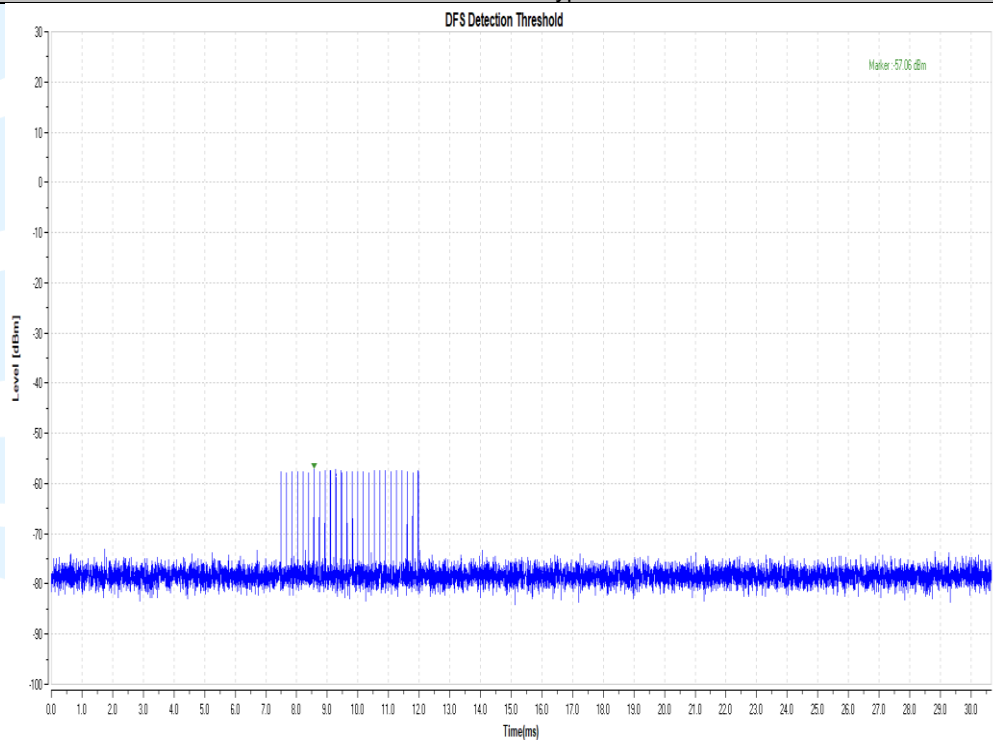
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11AX40SISO-5270-Type1-PASS



11AX40SISO-5270-Type2-PASS

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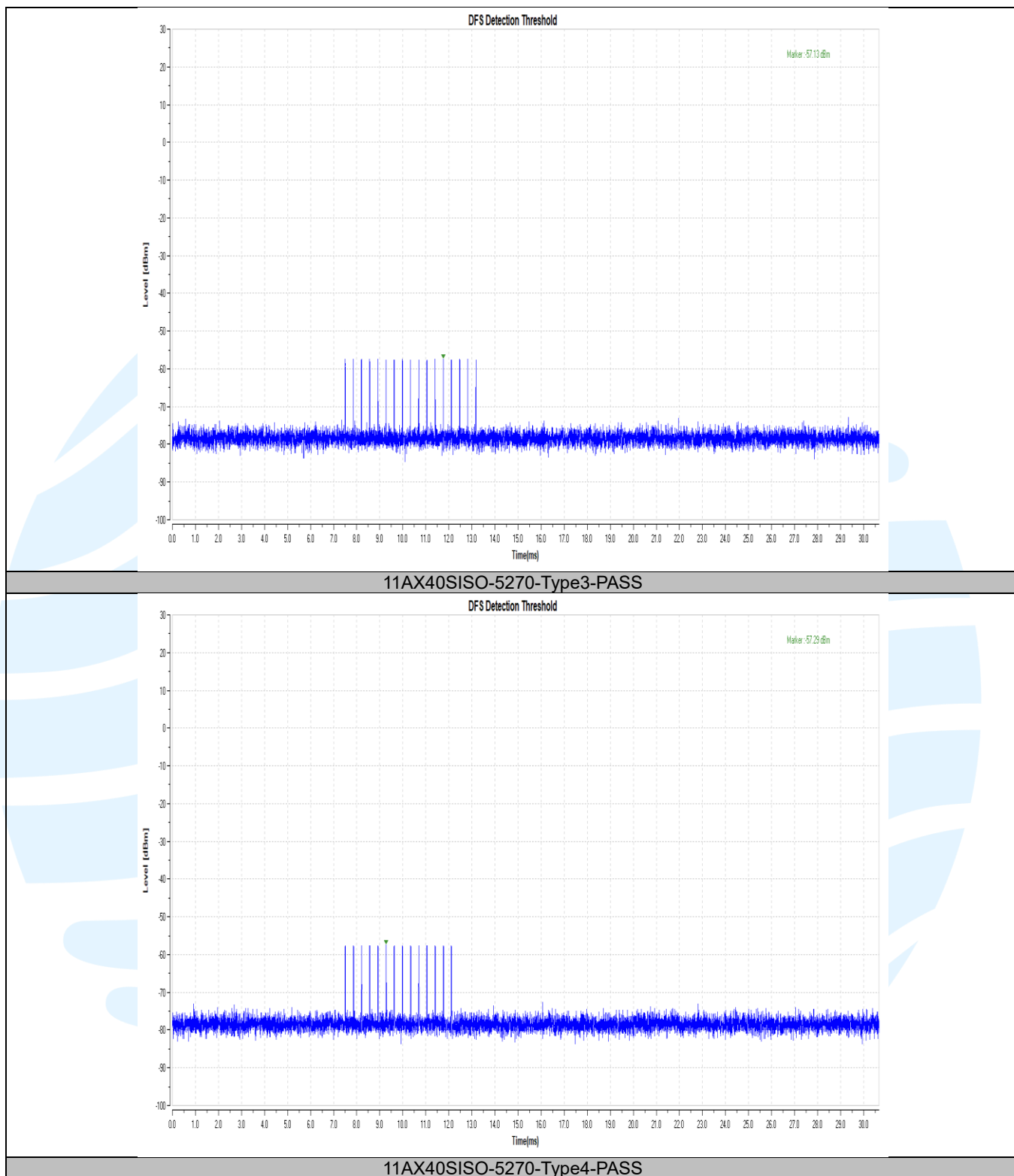
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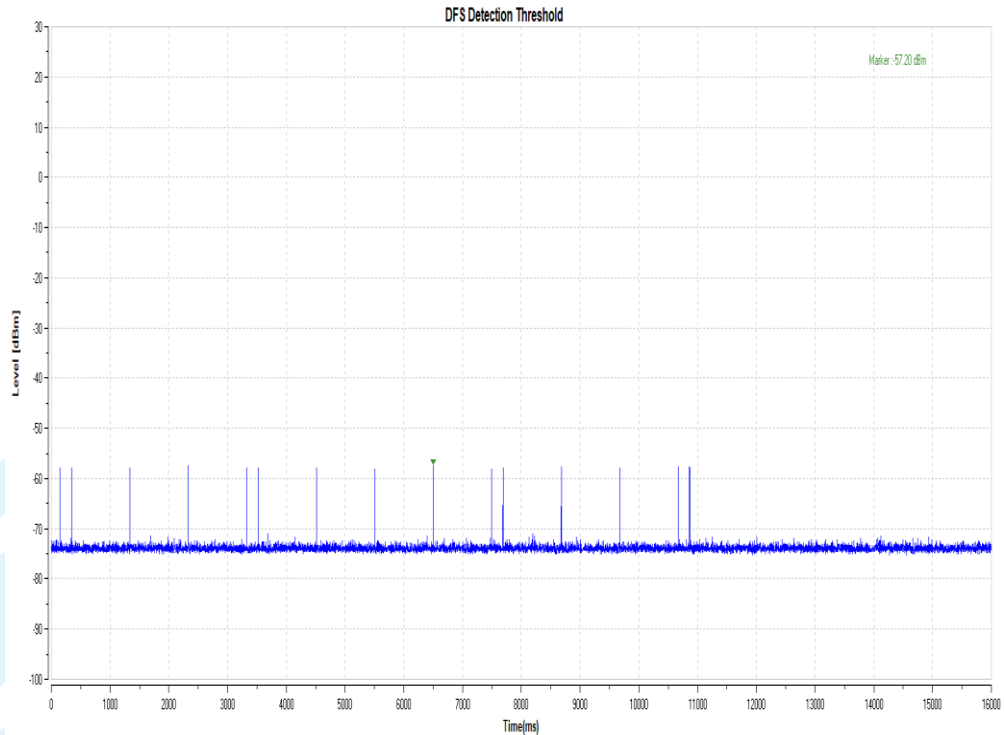
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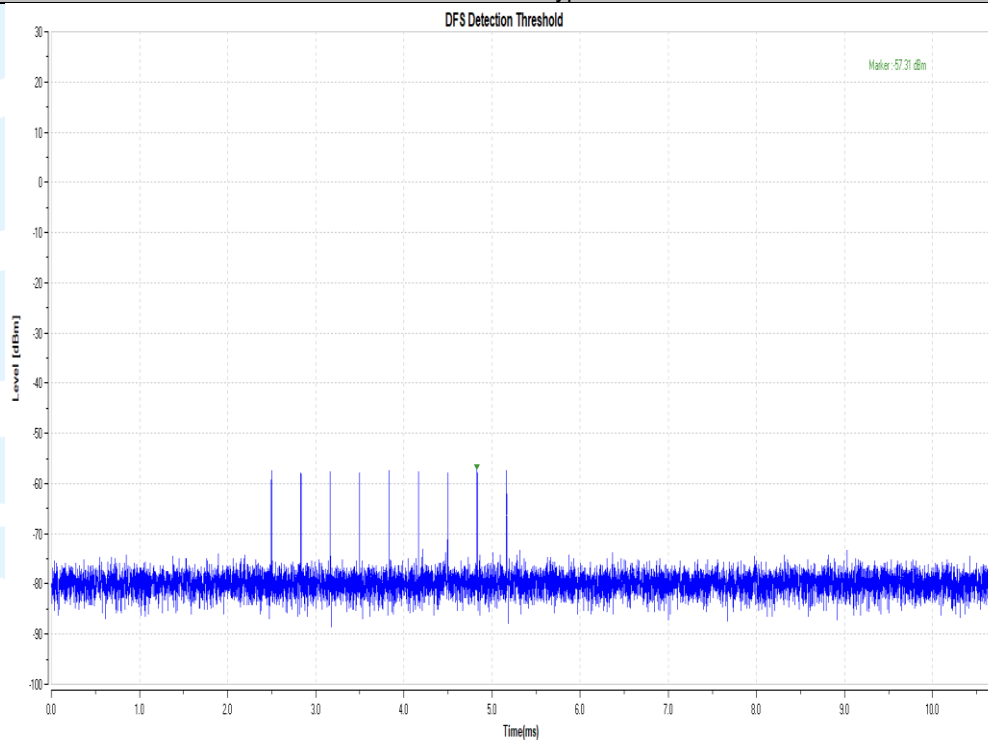
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11AX40SISO-5270-Type5-PASS



11AX40SISO-5270-Type6-PASS

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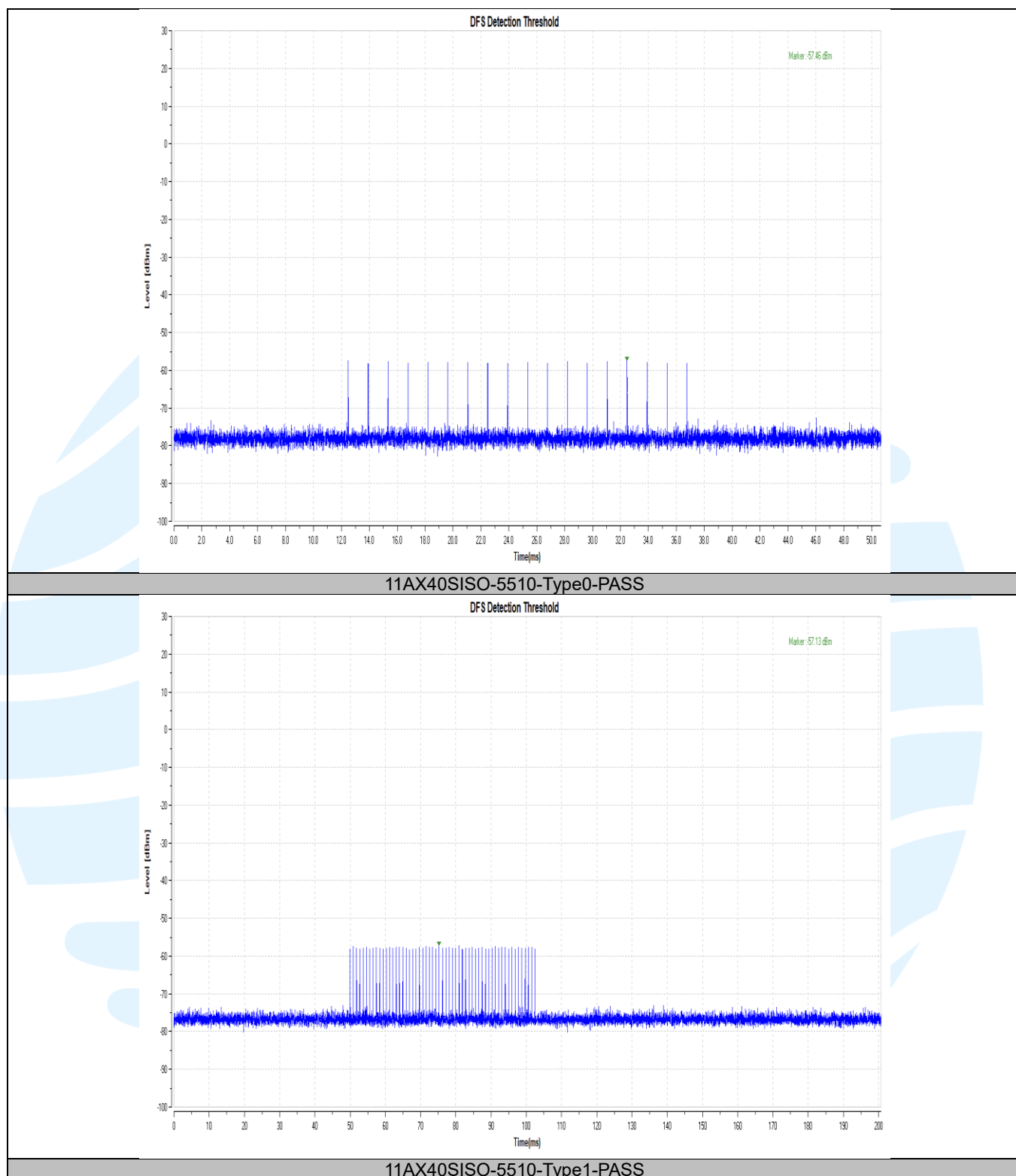
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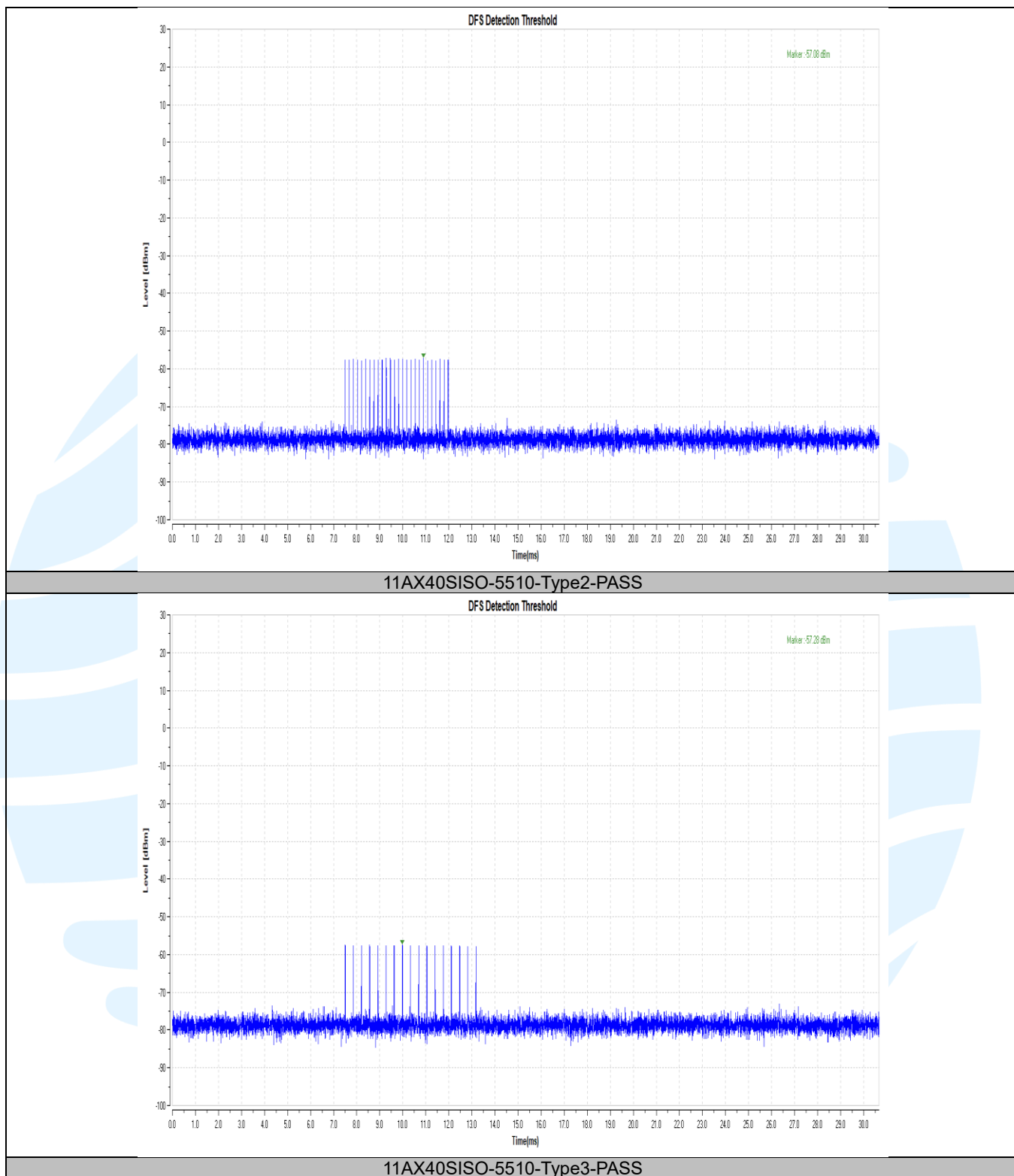
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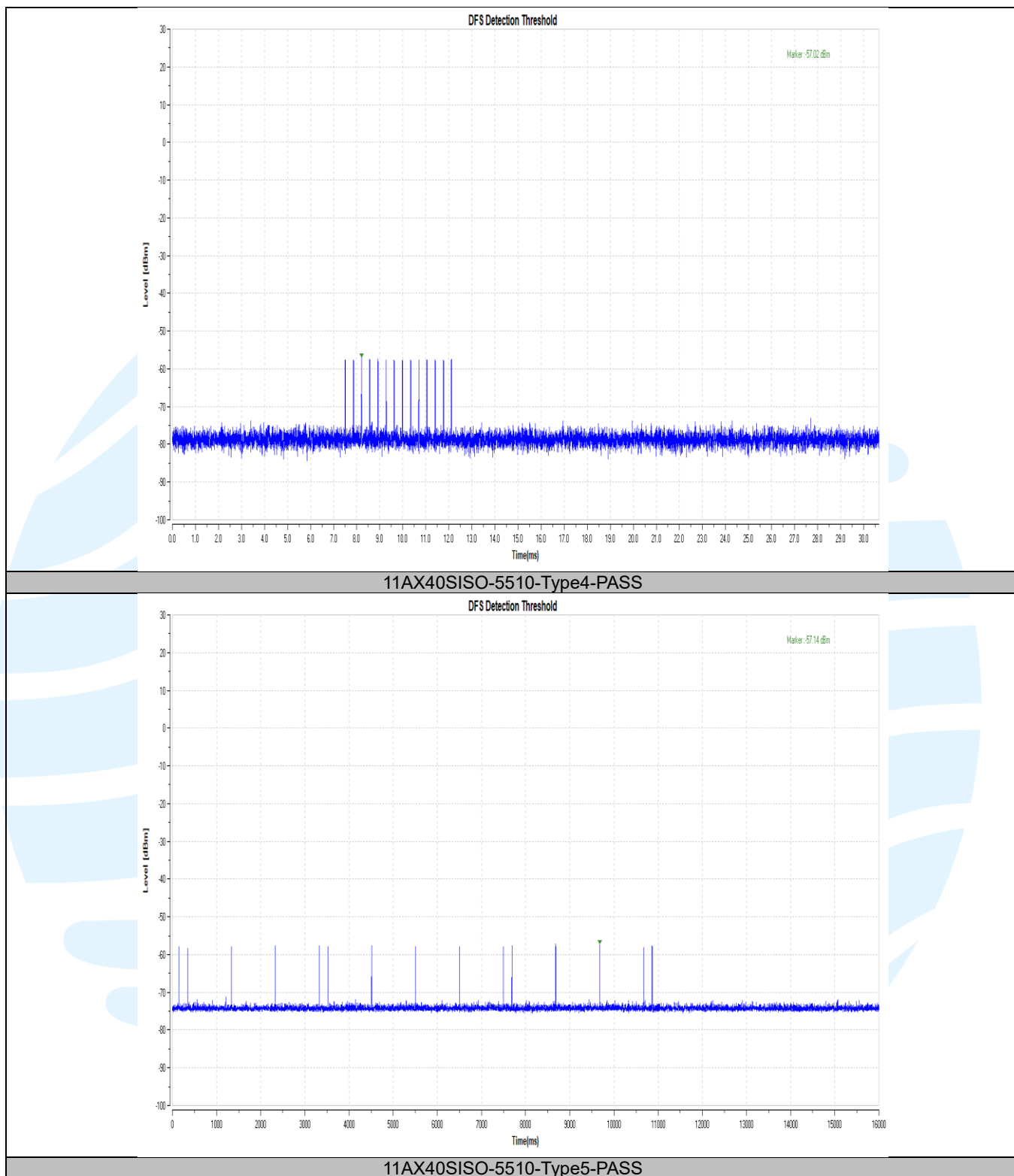
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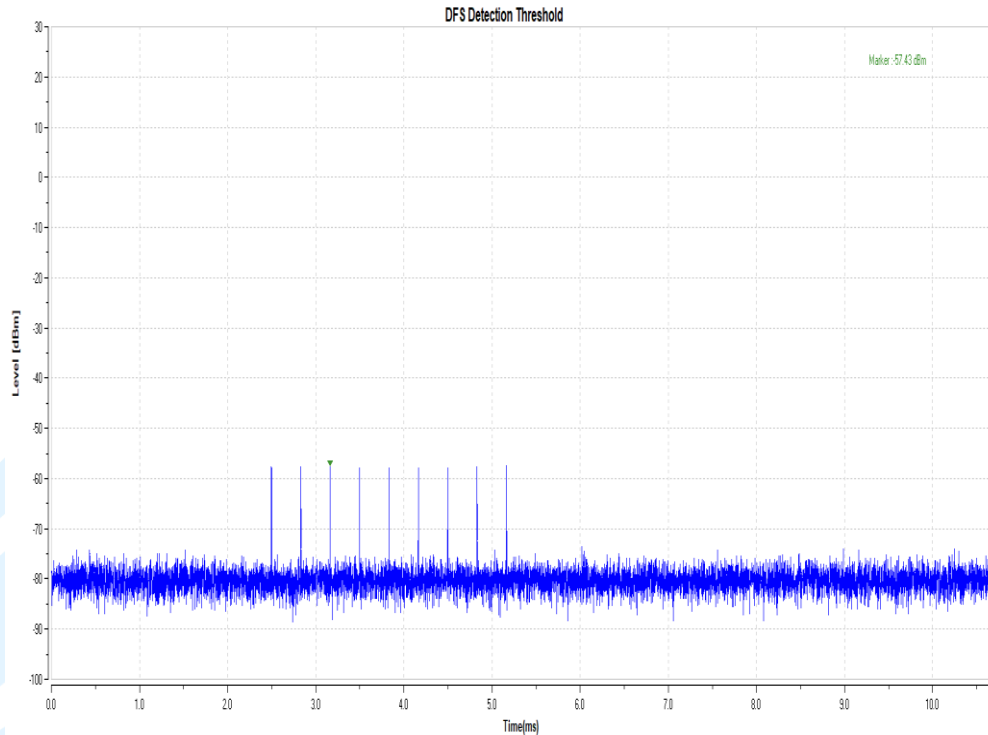
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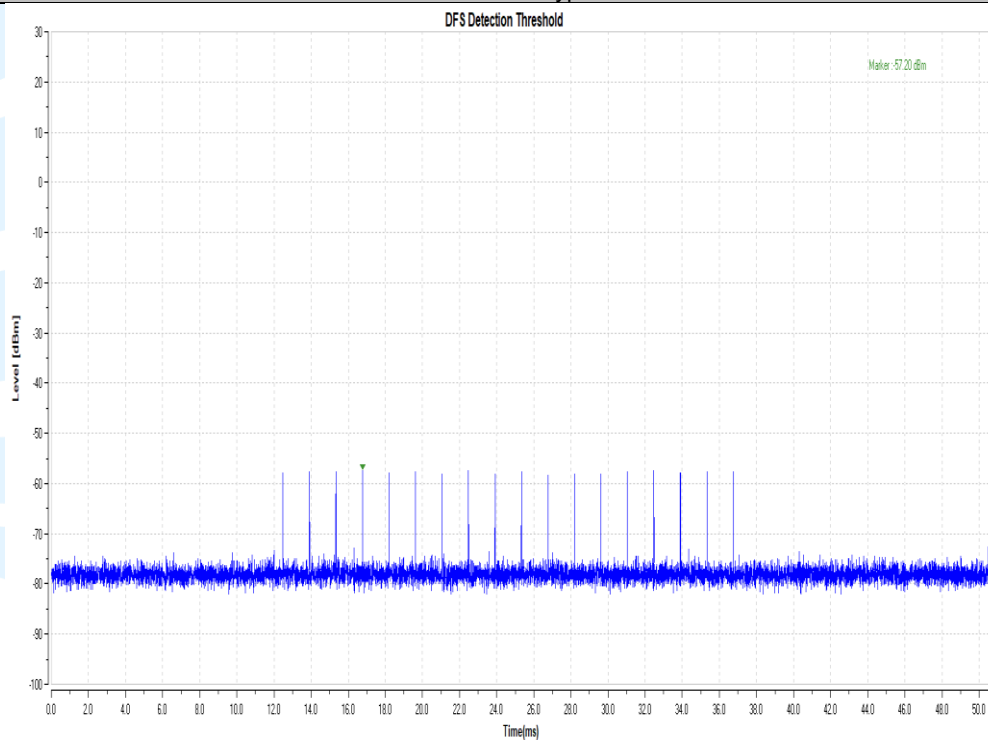
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11AX40SISO-5510-Type6-PASS



11AX80SISO-5290-Type0-PASS

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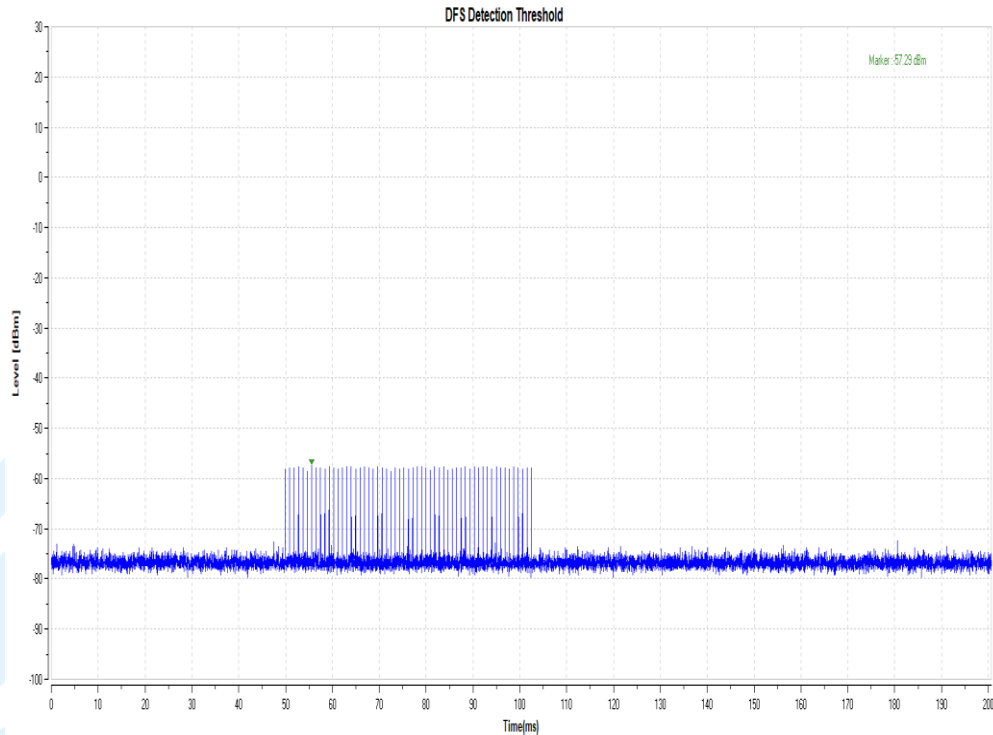
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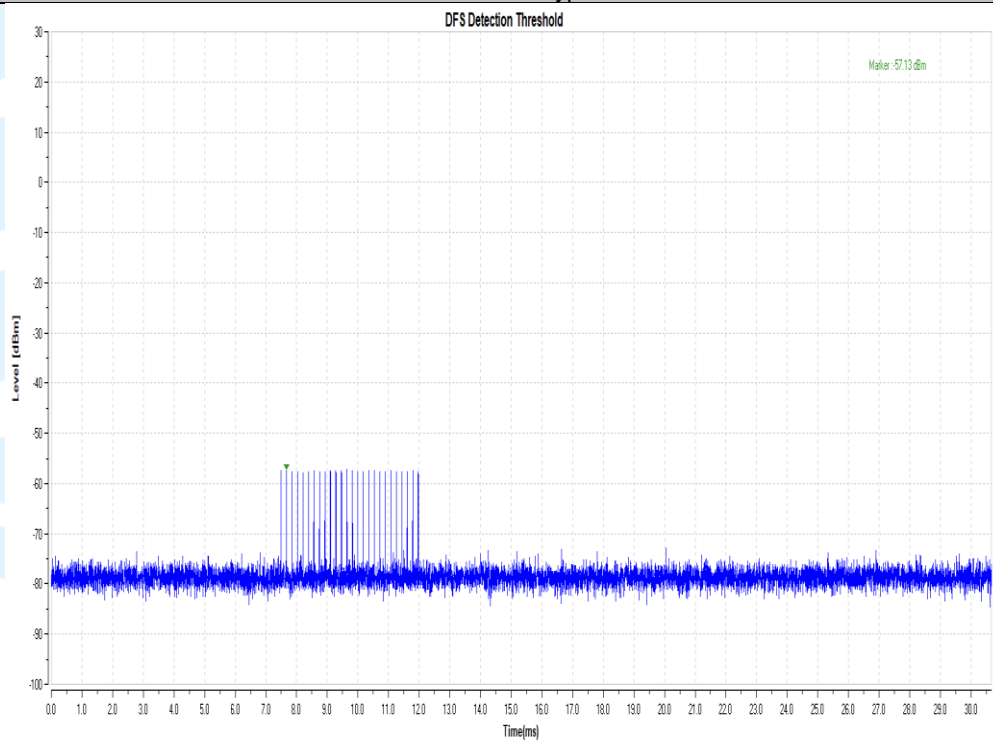
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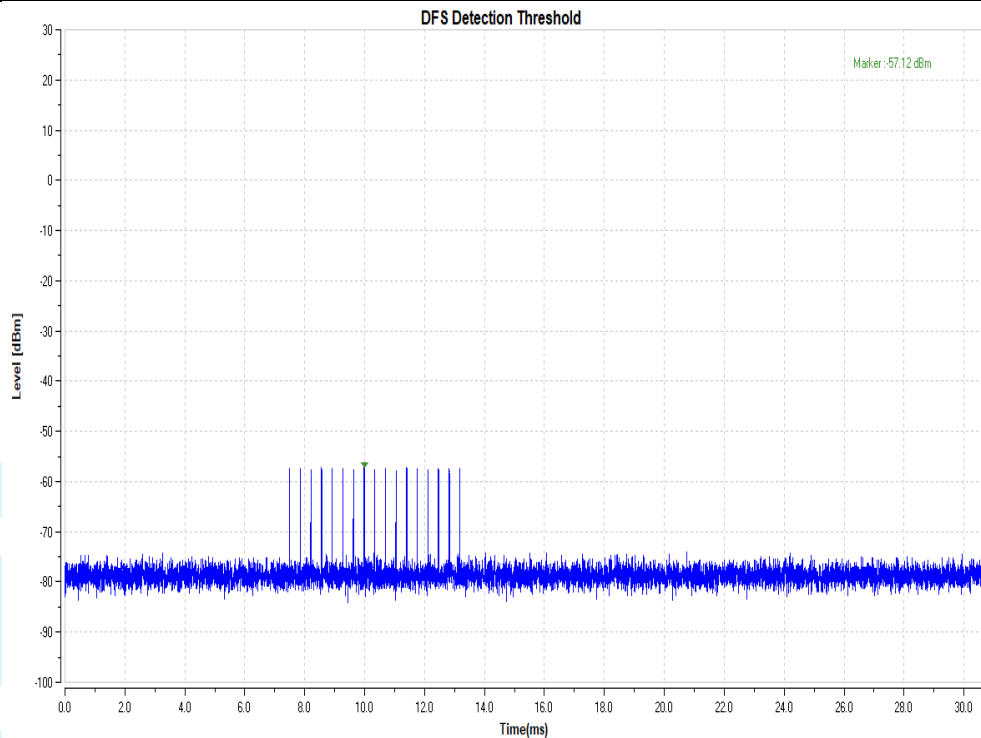
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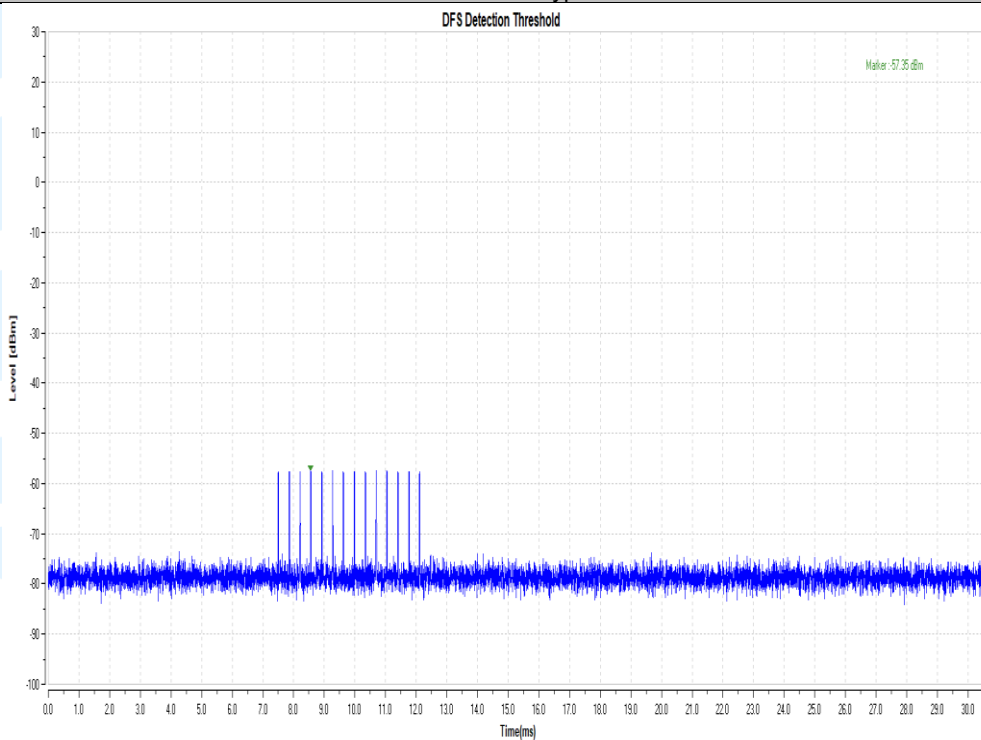
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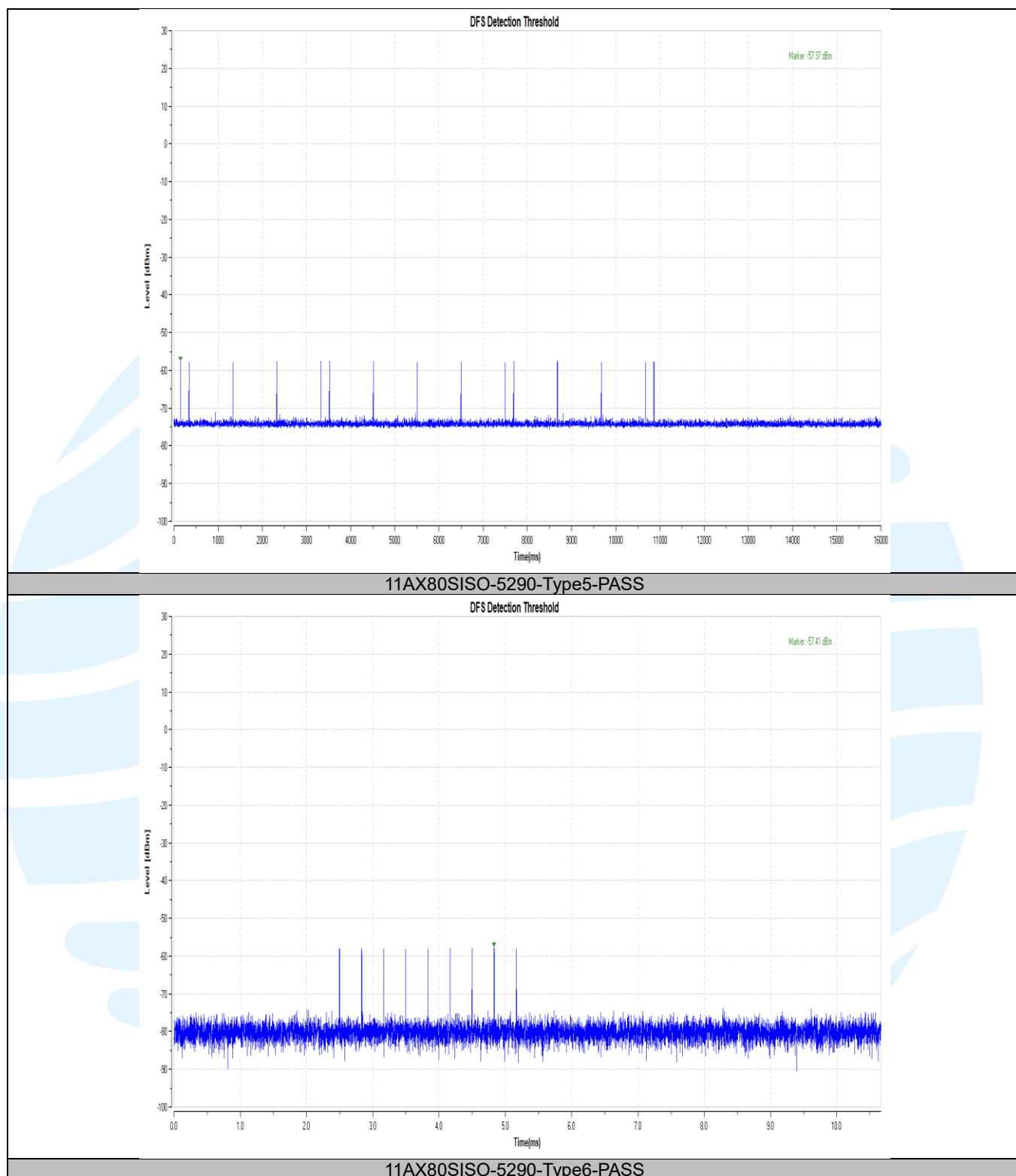
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11AX80SISO-5290-Type3-PASS



11AX80SISO-5290-Type4-PASS



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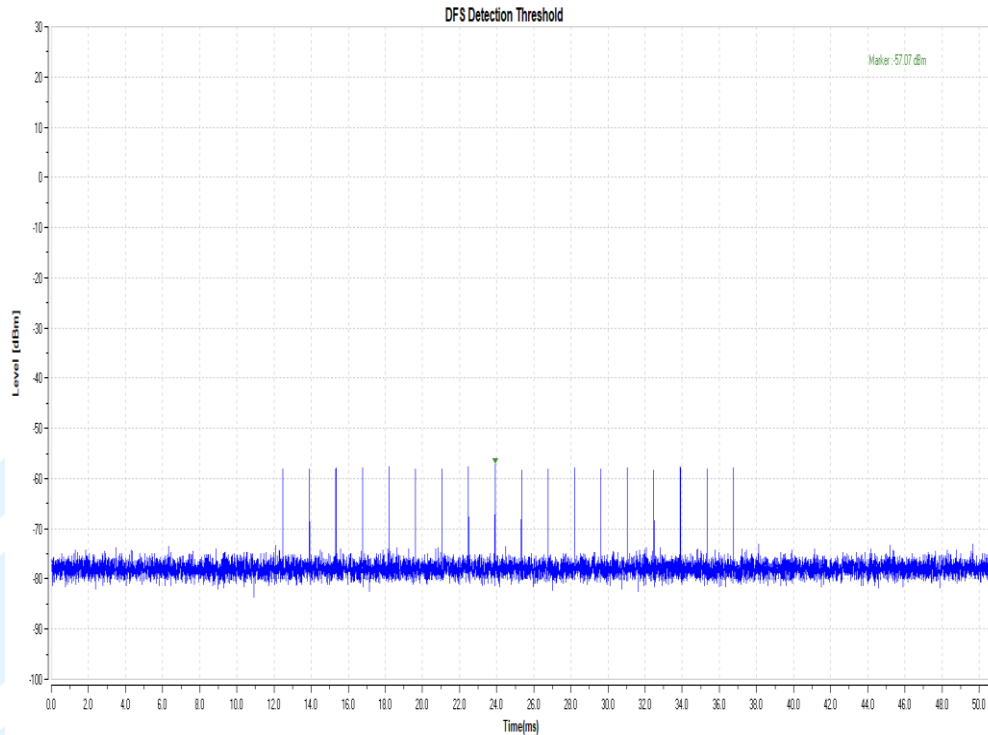
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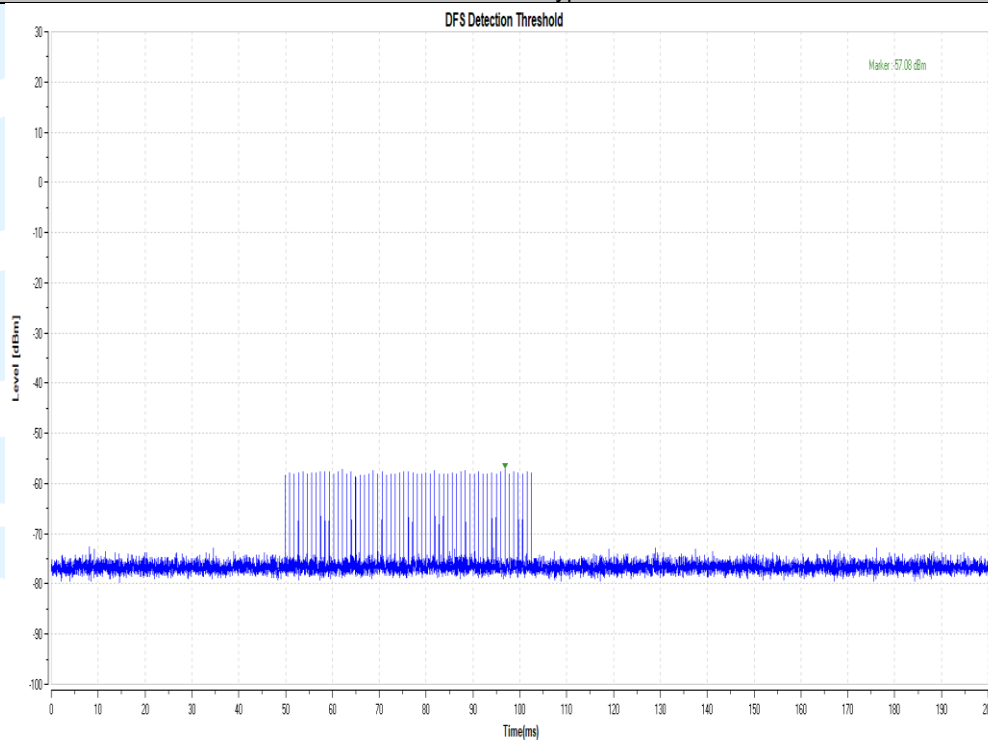
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11AX80SISO-5530-Type0-PASS



11AX80SISO-5530-Type1-PASS

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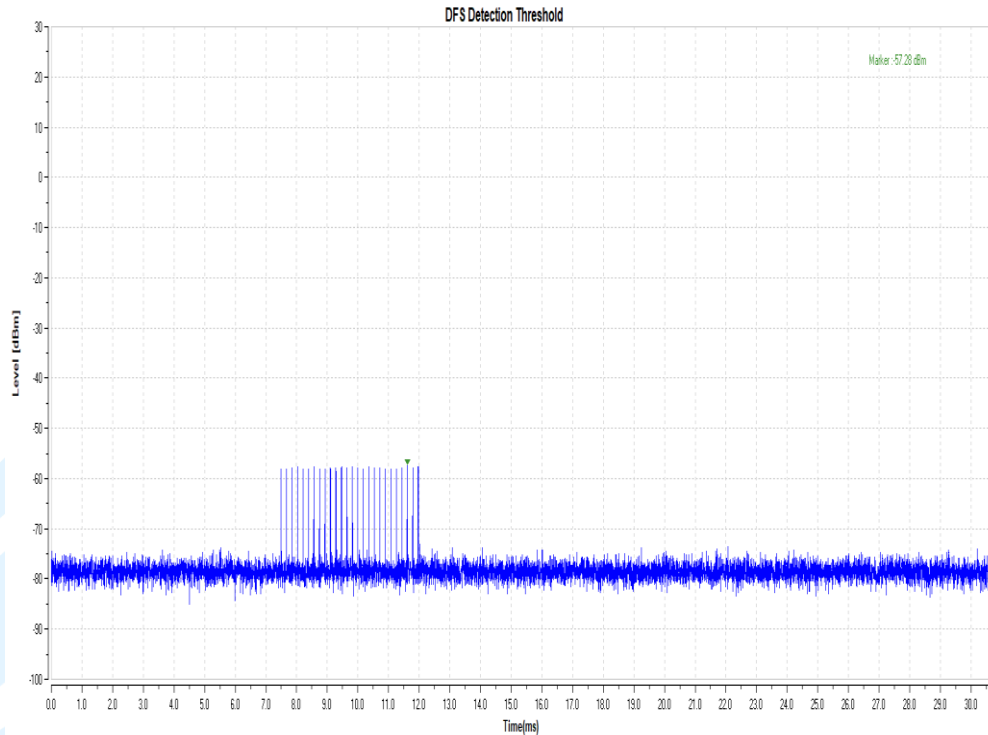
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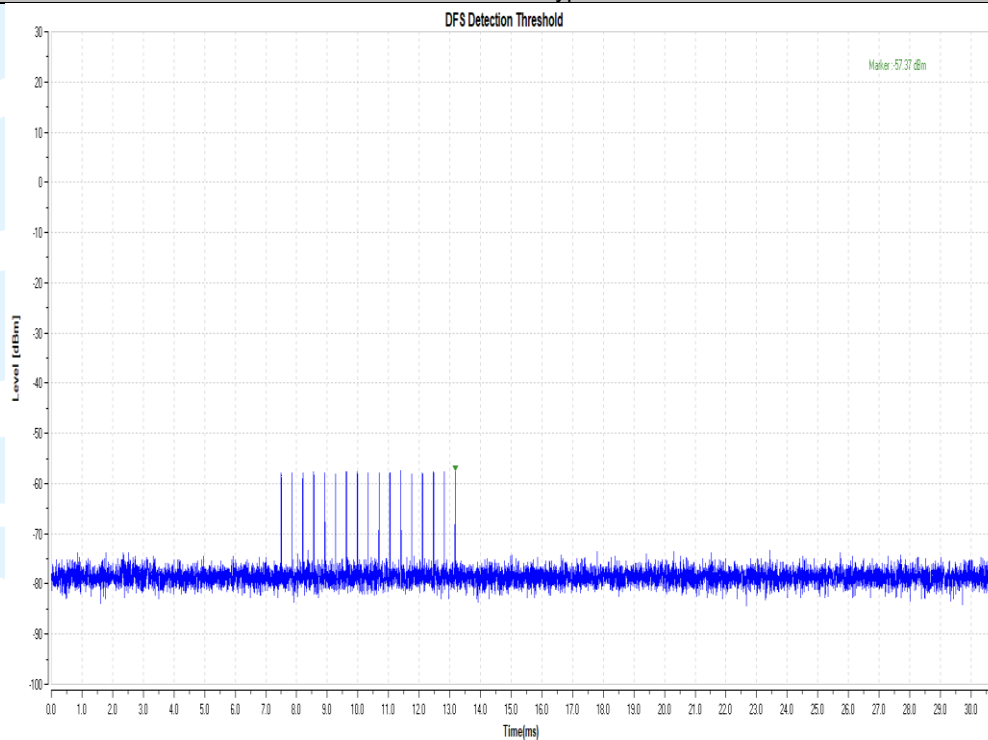
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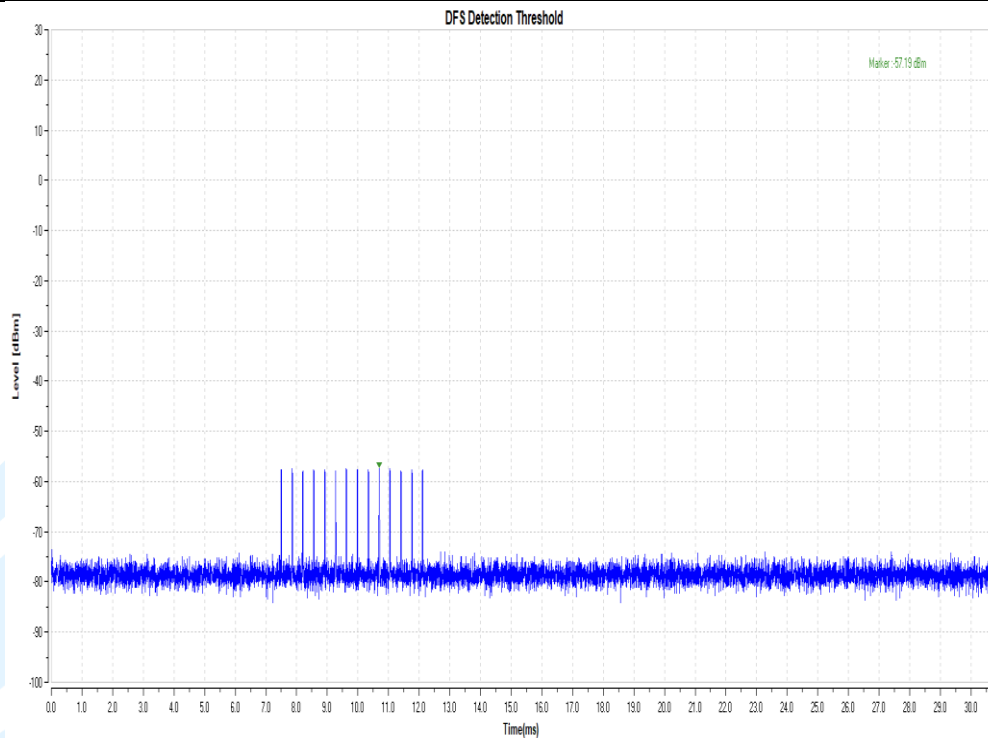
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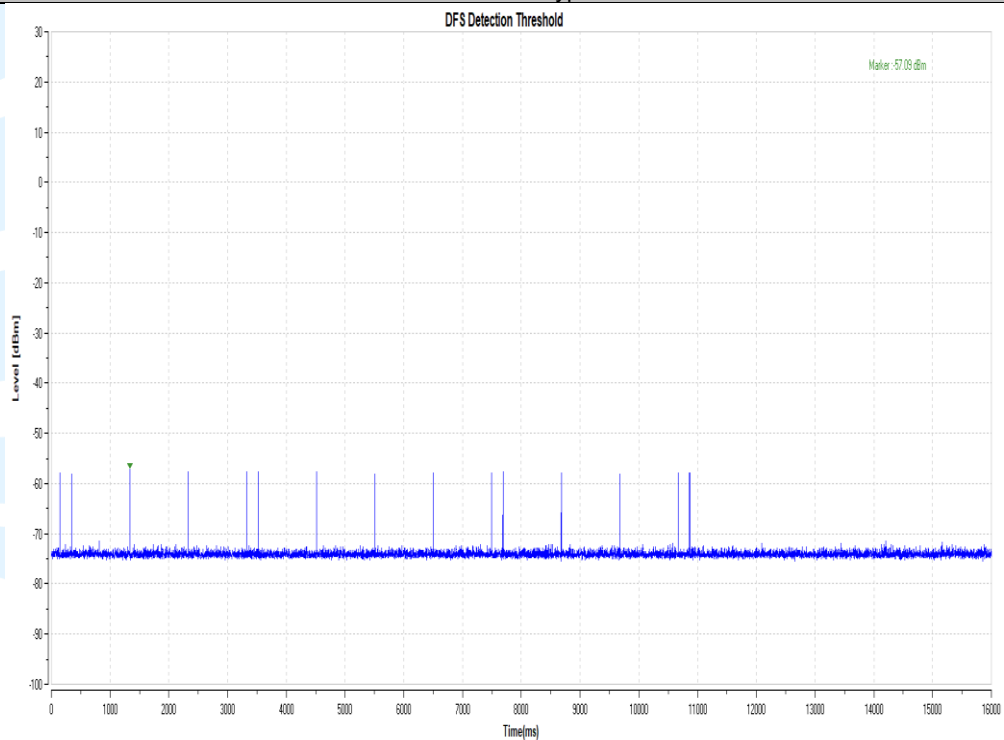
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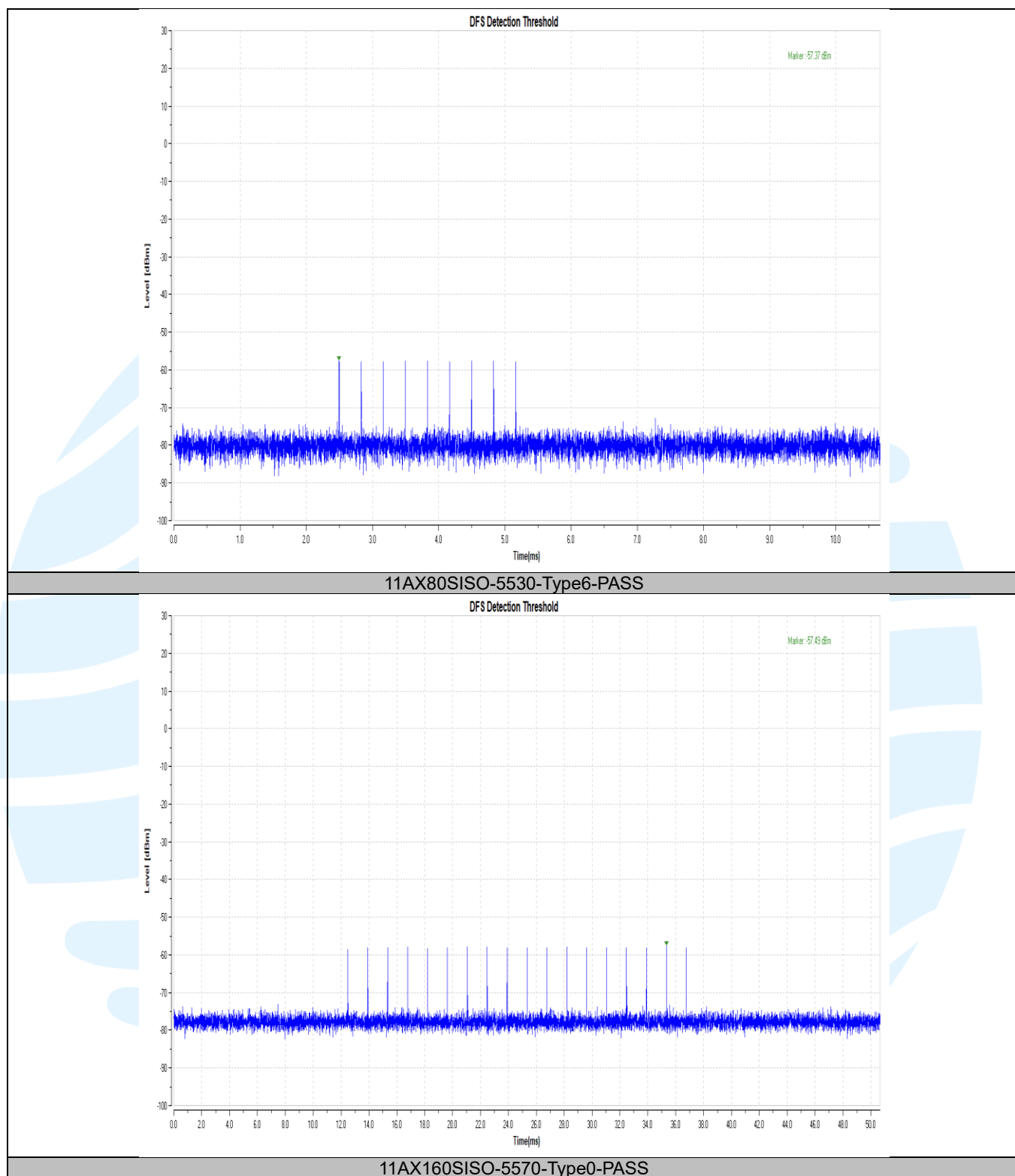
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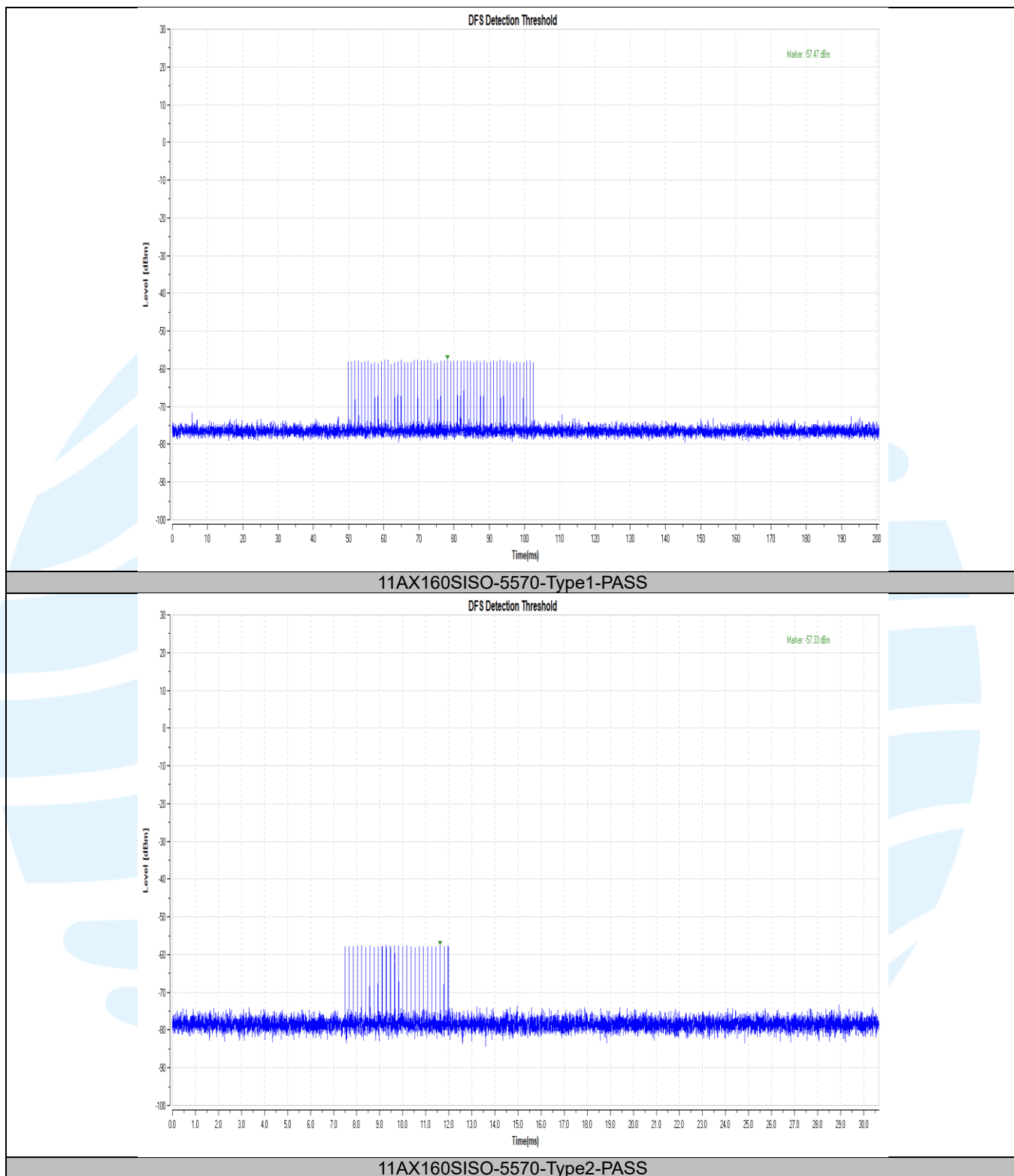
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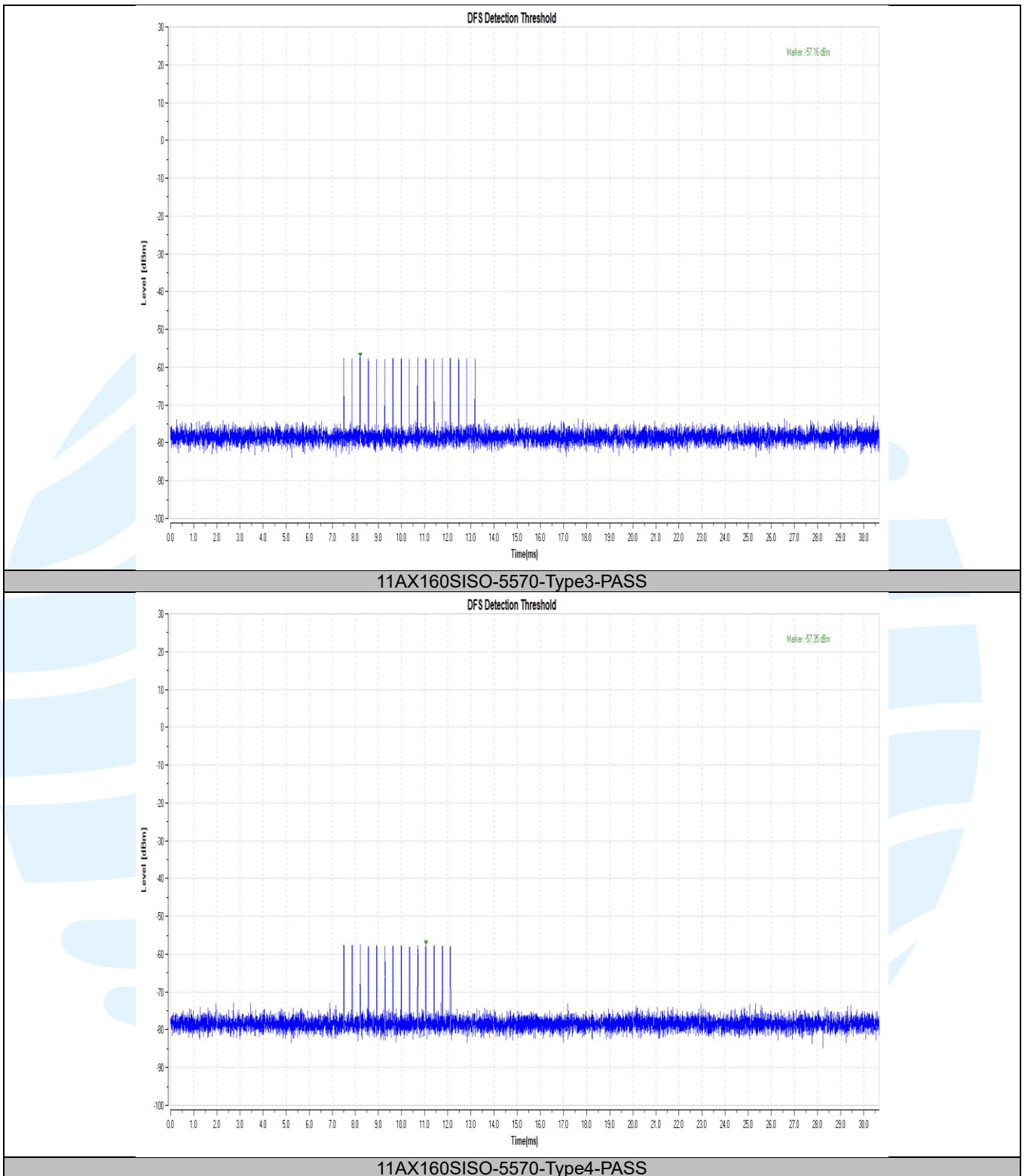
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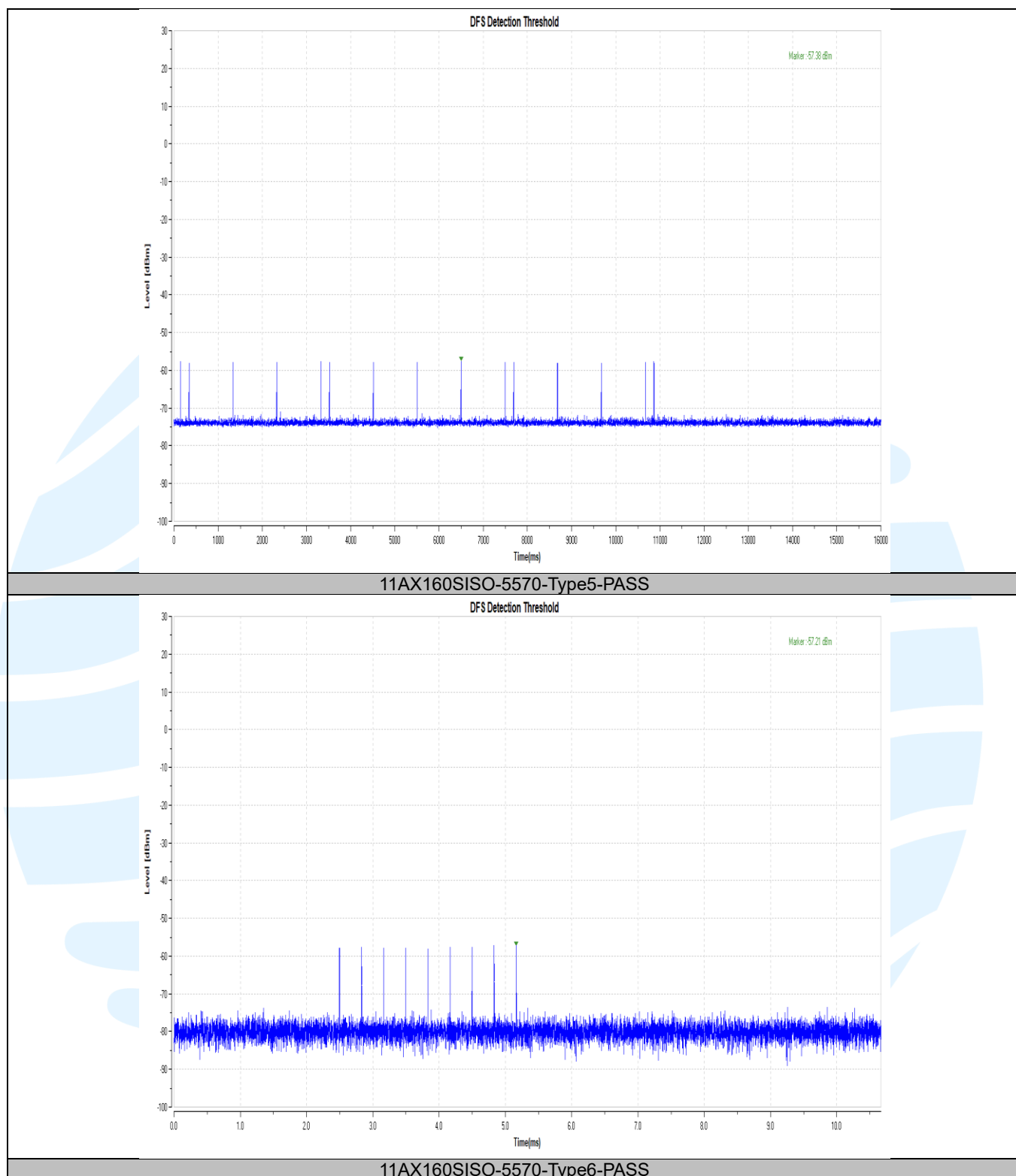
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6.2 U-NII DETECTION BANDWIDTH (7.8.1)

6.2.1 Limit of U-NII Detection Bandwidth

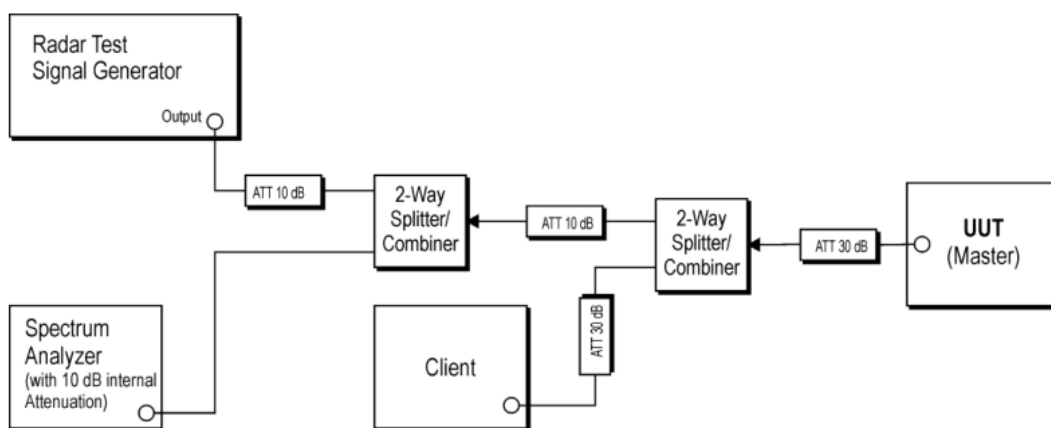
The U-NII Detection Bandwidth shall contain minimum 100% of the 99% power bandwidth.

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.

6.2.2 Test Procedures

- (1) Adjust the equipment to produce a single burst of the Short Pulse Radar Type 0 at the center frequency of the EUT Operating Channel at the specified DFS Detection Threshold level.
- (2) (Set the EUT up as a standalone device (no associated Client or Master, as appropriate) and no traffic. Frame based systems will be set to a talk/listen ratio of 0%/100% during this test.
- (3) Generate a single radar burst, and note the response of the EUT. Repeat for a minimum of 10 trials. The EUT must detect the Radar Waveform using the specified U-NII Detection Bandwidth criterion.
- (4) Starting at the center frequency of the EUT operating Channel, increase the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion specified in report clause 2.3. Repeat this measurement in 1MHz steps at frequencies 5 MHz below where the detection rate begins to fall. Record the highest frequency (denote as F_H) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies above F_H is not required to demonstrate compliance.
- (5) Starting at the center frequency of the EUT operating Channel, decrease the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion specified in report clause 2.3. Repeat this measurement in 1MHz steps at frequencies 5 MHz above where the detection rate begins to fall. Record the lowest frequency (denote as F_L) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies below F_L is not required to demonstrate compliance.
- (6) The U-NII Detection Bandwidth is calculated as follows:
- (7) $U\text{-NII Detection Bandwidth} = F_H - F_L$

6.2.3 Test Setup



6.2.4 Test Deviation

There is no deviation with the original standard.

6.2.5 Result of U-NII Detection Bandwidth

Test Result

Test Mode	Frequency [MHz]	FL [MHz]	FH [MHz]	Detection Bandwidth [MHz]	OCB [MHz]	Ratio [%]	Limit [%]	Verdict
11AX20SISO	5260	5260	5260	26	19.181	135.55	≥100	PASS
11AX20SISO	5500	5486	5515	29	18.883	153.58	≥100	PASS
11AX160SISO	5250	5165	5350	185	79.27	233.38	≥100	PASS
11AX40SISO	5270	5239	5301	62	36.23	171.13	≥100	PASS
11AX40SISO	5510	5480	5540	60	36.004	166.65	≥100	PASS
11AX80SISO	5290	5228	5353	125	75.553	165.45	≥100	PASS
11AX80SISO	5530	5470	5592	122	75.56	161.46	≥100	PASS
11AX160SISO	5570	5443	5694	251	155.36	161.56	≥100	PASS

Test Mode	Freq. [MHz]	Radar Freq.	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5	Trial 6	Trial 7	Trial 8	Trial 9	Trial 10	Ratio (%)
11AX 20SISO	5260	5264	1	0	1	1	1	1	1	1	1	1	90
11AX 20SISO	5260	5263	0	1	1	1	1	0	0	0	0	1	50
11AX 20SISO	5260	5265	1	1	1	1	1	0	1	1	1	1	90
11AX 20SISO	5500	5500	1	1	1	1	1	1	1	1	1	1	100
11AX 20SISO	5500	5495	1	1	1	1	1	1	1	1	1	1	100
11AX 20SISO	5500	5490	1	1	1	1	1	1	1	1	1	1	100
11AX 20SISO	5500	5489	0	1	1	1	1	1	1	1	1	1	90
11AX 20SISO	5500	5488	1	1	1	1	1	1	1	1	1	1	100
11AX 20SISO	5500	5487	1	1	1	1	1	1	1	1	1	1	100
11AX 20SISO	5500	5486	1	1	1	1	1	1	1	1	1	1	100
11AX 20SISO	5500	5485	0	0	0	0	0	0	0	0	0	0	0
11AX 20SISO	5500	5505	0	1	1	1	1	1	1	1	1	1	90
11AX 20SISO	5500	5510	1	1	1	1	1	1	1	1	1	1	100
11AX 20SISO	5500	5515	1	1	1	1	1	1	1	1	1	1	100
11AX 20SISO	5500	5516	0	0	0	0	0	0	0	0	0	0	0
11AX 160SI	5250	5285	1	1	1	1	1	1	1	1	1	1	100

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SO													
11AX 160SI SO	5250	5280	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5275	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5270	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5290	0	1	1	1	1	1	1	1	1	1	90
11AX 160SI SO	5250	5269	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5268	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5267	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5266	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5265	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5264	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5263	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5262	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5261	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5260	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5259	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5258	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5257	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5256	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5255	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5254	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5253	1	1	1	1	1	1	1	1	1	1	100
11AX	5250	5252	1	1	1	1	1	1	1	1	1	1	100

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160SI SO													
11AX 160SI SO	5250	5251	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5249	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5248	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5247	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5246	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5245	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5244	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5243	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5242	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5241	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5240	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5239	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5238	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5237	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5236	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5235	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5234	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5233	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5232	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5231	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5230	1	1	1	1	1	1	1	1	1	1	100

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11AX 160SI SO	5250	5229	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5228	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5227	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5226	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5225	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5224	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5223	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5222	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5221	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5220	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5219	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5218	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5217	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5216	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5215	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5214	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5213	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5212	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5211	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5210	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5209	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI	5250	5208	1	1	1	1	1	1	1	1	1	1	100

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SO													
11AX 160SI SO	5250	5207	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5206	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5205	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5204	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5203	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5202	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5201	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5200	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5199	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5198	1	1	1	1	1	0	1	1	1	1	90
11AX 160SI SO	5250	5197	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5196	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5195	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5194	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5193	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5192	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5191	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5190	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5189	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5188	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5187	1	1	1	1	1	1	1	1	1	1	100
11AX	5250	5186	1	1	1	1	1	1	1	1	1	1	100

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160SI SO													
11AX 160SI SO	5250	5185	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5184	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5183	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5182	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5181	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5180	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5179	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5178	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5177	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5176	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5175	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5174	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5173	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5172	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5171	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5170	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5169	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5168	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5167	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5166	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5165	1	1	1	1	1	1	1	1	1	1	100

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11AX 160SI SO	5250	5164	0	0	0	0	0	0	0	0	0	0	0
11AX 160SI SO	5250	5295	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5300	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5305	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5310	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5315	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5320	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5325	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5330	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5335	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5340	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5345	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5350	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5250	5351	0	0	0	0	0	0	0	0	0	0	0
11AX 40SIS O	5270	5270	0	1	1	1	1	1	1	1	1	1	90
11AX 40SIS O	5270	5265	1	1	1	1	1	1	1	1	1	1	100
11AX 40SIS O	5270	5260	1	1	1	1	1	1	1	1	1	1	100
11AX 40SIS O	5270	5255	1	1	1	1	1	1	1	1	1	1	100
11AX 40SIS O	5270	5250	1	1	1	1	1	1	1	1	1	1	100
11AX 40SIS O	5270	5245	1	1	1	1	1	1	1	1	1	1	100
11AX 40SIS O	5270	5240	1	1	1	1	1	1	1	1	1	1	100
11AX 40SIS	5270	5239	1	1	1	1	1	1	1	1	1	1	100

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O													
11AX 40SIS O	5270	5238	0	0	0	0	0	0	0	0	0	0	0
11AX 40SIS O	5270	5275	1	1	1	1	1	1	1	1	1	1	100
11AX 40SIS O	5270	5280	1	1	1	1	1	1	1	1	1	1	100
11AX 40SIS O	5270	5285	1	1	1	1	1	1	1	1	1	1	100
11AX 40SIS O	5270	5290	0	1	1	1	1	1	1	1	1	1	90
11AX 40SIS O	5270	5295	1	1	1	1	1	1	1	1	1	1	100
11AX 40SIS O	5270	5300	1	1	1	1	1	1	1	1	1	1	100
11AX 40SIS O	5270	5301	1	1	1	1	1	1	1	1	1	1	100
11AX 40SIS O	5270	5302	0	0	0	0	0	0	0	0	0	0	0
11AX 40SIS O	5510	5510	1	1	1	1	1	1	1	1	1	1	100
11AX 40SIS O	5510	5505	1	1	1	1	1	1	1	1	1	1	100
11AX 40SIS O	5510	5500	1	1	1	1	1	1	1	1	1	1	100
11AX 40SIS O	5510	5495	1	1	1	1	1	1	1	1	1	1	100
11AX 40SIS O	5510	5490	1	1	1	1	1	1	1	1	1	1	100
11AX 40SIS O	5510	5485	1	1	0	1	1	1	1	1	1	1	90
11AX 40SIS O	5510	5480	0	1	1	1	1	1	1	1	1	1	90
11AX 40SIS O	5510	5479	0	0	0	0	0	0	0	0	0	0	0
11AX 40SIS O	5510	5515	1	1	1	1	1	1	1	1	1	1	100
11AX 40SIS O	5510	5520	1	1	1	1	1	1	1	1	1	1	100
11AX 40SIS O	5510	5525	1	1	1	1	1	1	1	1	1	1	100
11AX 40SIS O	5510	5530	1	1	1	1	1	1	1	1	1	1	100
11AX	5510	5535	1	1	1	1	1	1	1	1	1	1	100

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40SIS O													
11AX 40SIS O	5510	5540	1	1	1	1	1	1	1	1	1	1	100
11AX 40SIS O	5510	5541	0	0	0	0	0	0	0	0	0	0	0
11AX 80SIS O	5290	5290	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5285	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5280	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5275	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5270	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5265	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5260	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5255	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5250	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5245	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5240	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5235	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5230	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5229	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5228	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5227	1	0	0	0	0	0	0	0	0	0	10
11AX 80SIS O	5290	5295	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5300	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5305	1	1	1	1	1	1	1	1	1	1	100

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11AX 80SIS O	5290	5310	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5315	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5320	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5325	1	1	1	0	1	1	1	1	1	1	90
11AX 80SIS O	5290	5330	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5335	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5340	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5345	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5350	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5351	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5352	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5353	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5290	5354	1	1	1	1	1	1	1	0	0	0	70
11AX 80SIS O	5530	5530	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5525	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5520	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5515	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5510	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5505	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5500	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5495	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS	5530	5490	1	1	1	1	1	1	1	1	1	1	100

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O													
11AX 80SIS O	5530	5485	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5480	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5475	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5470	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5469	0	0	0	0	0	0	0	0	0	0	0
11AX 80SIS O	5530	5535	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5540	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5545	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5550	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5555	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5560	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5565	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5570	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5575	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5580	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5585	1	1	1	1	1	1	1	1	0	1	90
11AX 80SIS O	5530	5590	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5591	1	1	1	1	1	1	1	1	1	1	100
11AX 80SIS O	5530	5592	1	1	1	0	1	1	1	1	1	1	90
11AX 80SIS O	5530	5593	1	0	0	0	0	0	0	0	0	0	10
11AX 160SI SO	5570	5570	1	1	1	1	1	1	1	1	1	1	100
11AX	5570	5565	1	1	1	1	1	1	1	1	1	1	100

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160SI SO													
11AX 160SI SO	5570	5560	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5555	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5550	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5545	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5540	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5535	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5530	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5525	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5520	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5515	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5510	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5505	1	1	1	0	1	1	1	1	1	1	90
11AX 160SI SO	5570	5500	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5495	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5490	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5485	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5480	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5475	1	1	1	1	0	1	1	1	1	1	90
11AX 160SI SO	5570	5470	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5465	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5460	1	1	1	1	1	1	1	1	1	1	100

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11AX 160SI SO	5570	5455	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5450	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5445	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5444	0	1	1	1	1	1	1	1	1	1	90
11AX 160SI SO	5570	5443	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5442	0	0	0	0	0	0	0	0	0	0	0
11AX 160SI SO	5570	5575	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5580	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5585	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5590	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5595	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5600	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5605	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5610	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5615	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5620	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5625	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5630	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5635	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5640	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5645	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI	5570	5650	1	1	1	1	1	1	1	1	1	1	100

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SO													
11AX 160SI SO	5570	5655	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5660	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5665	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5670	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5675	1	1	1	1	1	1	1	1	0	1	90
11AX 160SI SO	5570	5676	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5677	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5678	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5679	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5680	0	1	1	1	1	1	1	1	1	1	90
11AX 160SI SO	5570	5681	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5682	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5683	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5684	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5685	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5686	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5687	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5688	0	1	1	1	1	1	1	1	1	1	90
11AX 160SI SO	5570	5689	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5690	1	1	1	1	1	1	1	1	1	0	90
11AX 160SI SO	5570	5691	1	1	1	1	1	1	1	1	1	1	100
11AX	5570	5692	1	1	1	1	1	1	1	1	1	1	100

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160SI SO													
11AX 160SI SO	5570	5693	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5694	1	1	1	1	1	1	1	1	1	1	100
11AX 160SI SO	5570	5695	1	1	1	0	0	0	0	0	0	0	30



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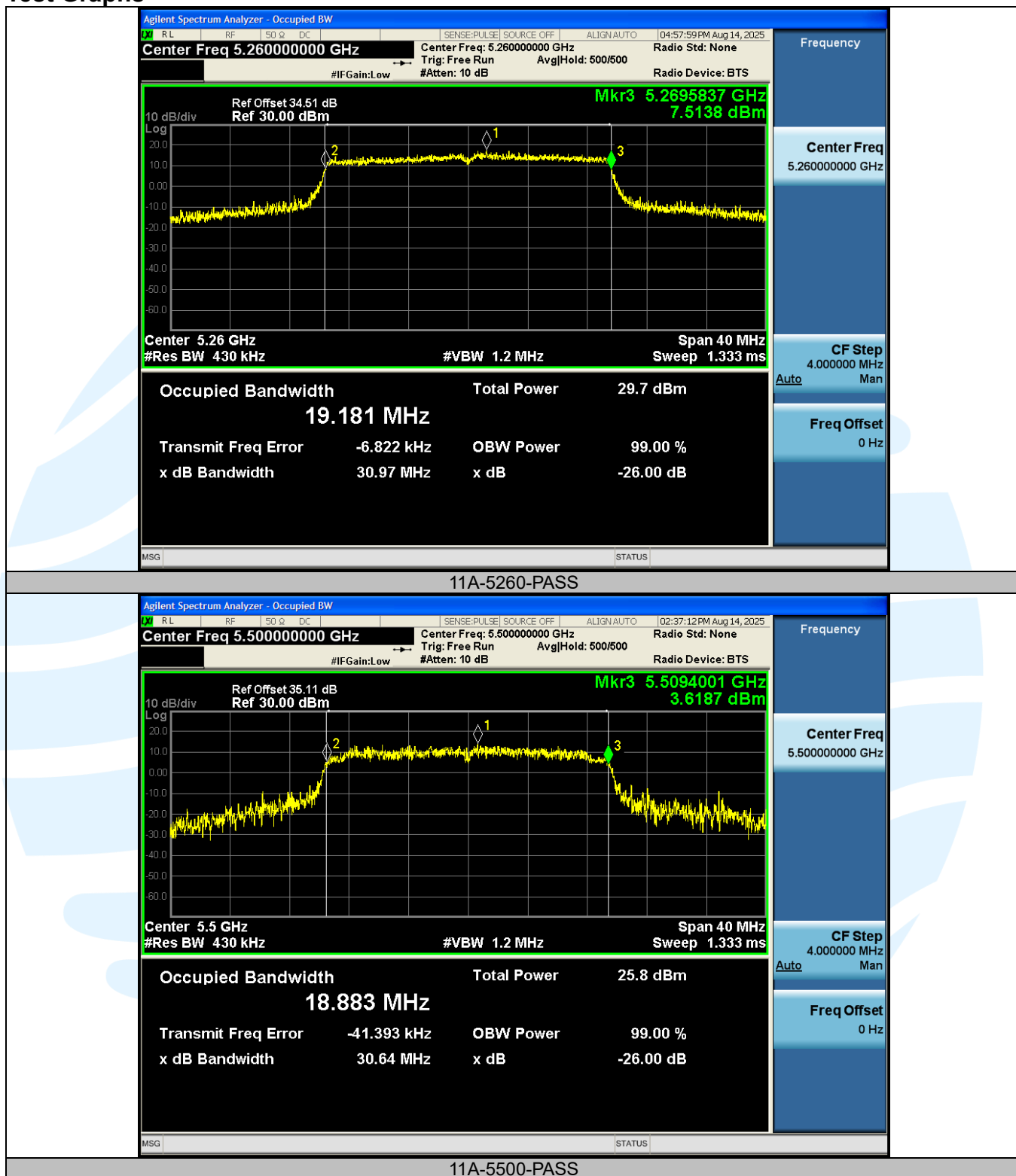
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Test Graphs



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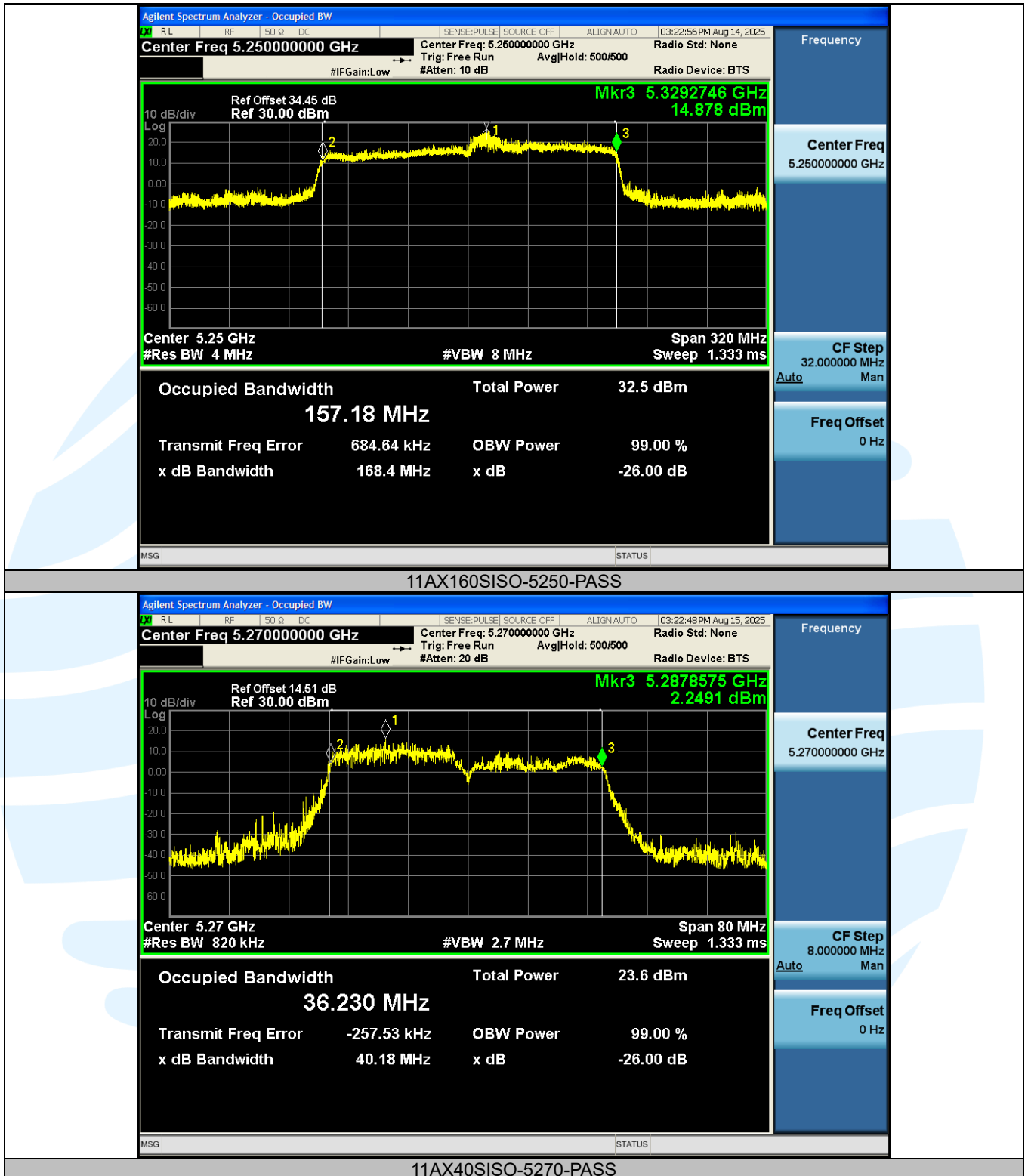
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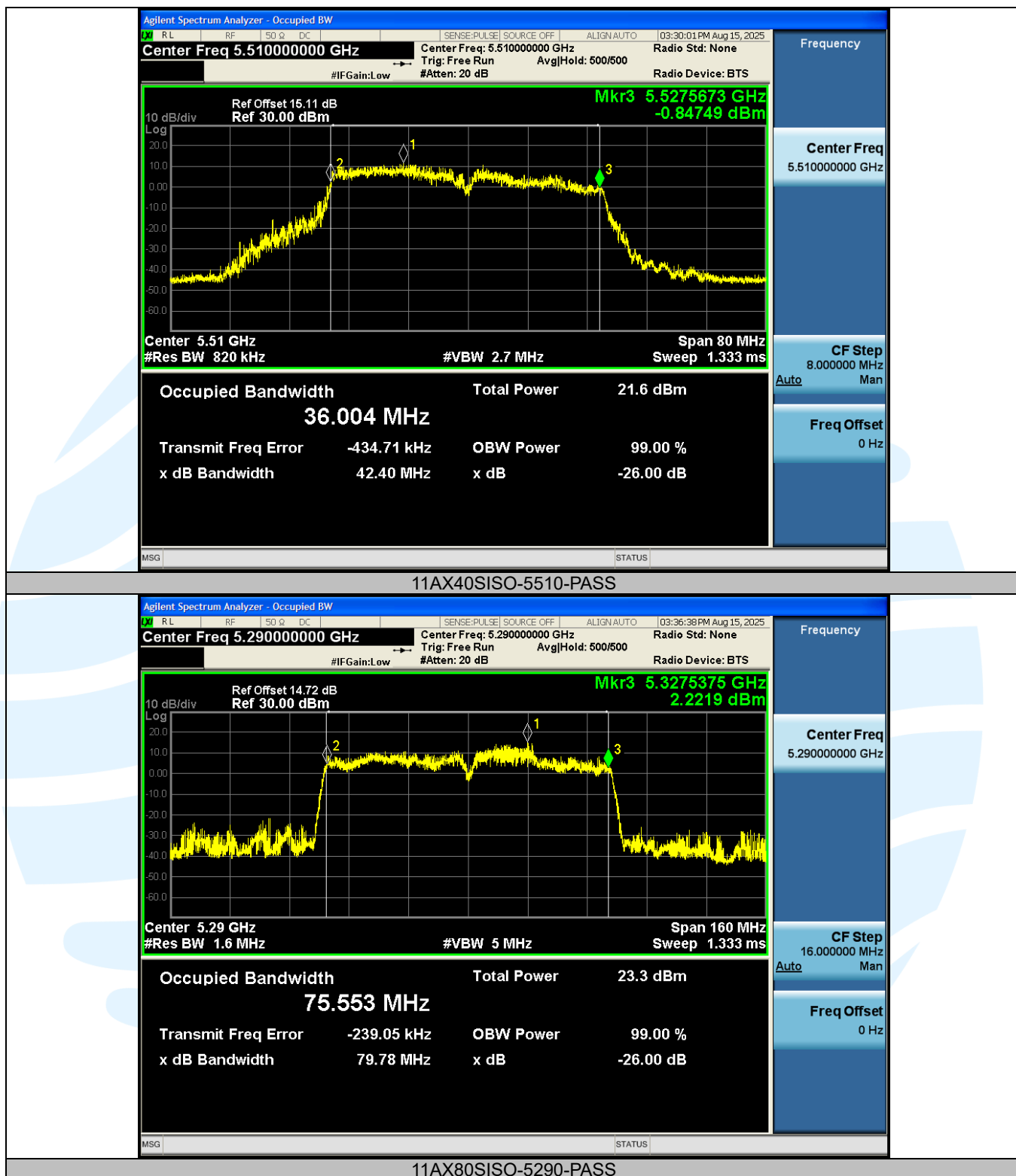
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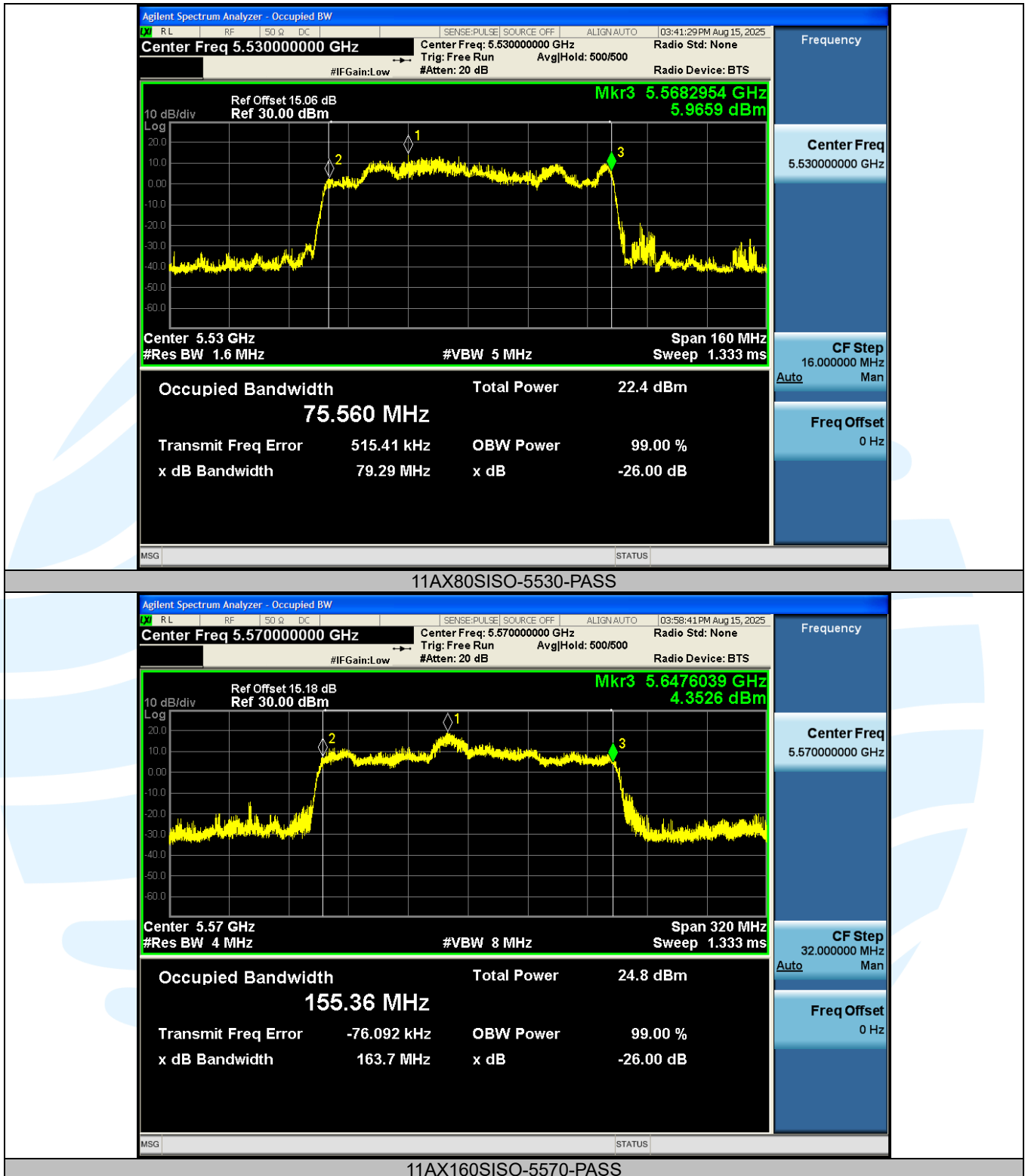
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6.3 CHANNEL AVAILABILITY CHECK (7.8.2)

6.3.1 Limit of Channel Availability Check

The Initial Channel Availability Check Time tests that the EUT does not emit beacon, control, or data signals on the test Channel until the power-up sequence has been completed and the U-NII device checks for radar waveforms for one minute on the test Channel.

6.3.2 Test Procedures

6.3.2.1 Initial Channel Availability Check Time

This test does not use any radar waveforms and only needs to be performed one time.

- (1) The U-NII devices will be powered on and be instructed to operate on the appropriate U-NII Channel that must incorporate DFS functions. At the same time the EUT is powered on, the spectrum analyzer will be set to zero span mode with a 3 MHz RBW and 3 MHz VBW on the Channel occupied by the radar (Chr) with a 2.5 minute sweep time. The spectrum analyzer's sweep will be started at the same time power is applied to the U-NII device.
- (2) The EUT should not transmit any beacon or data transmissions until at least 1 minute after the completion of the power-on cycle.

6.3.2.2 Radar Burst at the Beginning of the Channel Availability Check Time

The steps below define the procedure to verify successful radar detection on the test Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold + 1 dB occurs at the beginning of the Channel Availability Check Time. This is illustrated in Figure 15.

- (1) The Radar Waveform generator and EUT are connected using the applicable test setup and the power of the EUT is switched off.
- (2) The EUT is powered on at T0. T1 denotes the instant when the EUT has completed its power-up sequence (T_{power_up}). The Channel Availability Check Time commences on Chr at instant T1 and will end no sooner than T1 + T_{ch_avail_check}.
- (3) A single Burst of one of the Short Pulse Radar Types 1-4 will commence within a 6 second window starting at T1. An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.
- (4) Visual indication or measured results on the EUT of successful detection of the radar Burst will be recorded and reported. Observation of Chr for EUT emissions will continue for 2.5 minutes after the radar Burst has been generated.
- (5) Verify that during the 2.5 minute measurement window no EUT transmissions occurred on Chr. The Channel Availability Check results will be recorded.

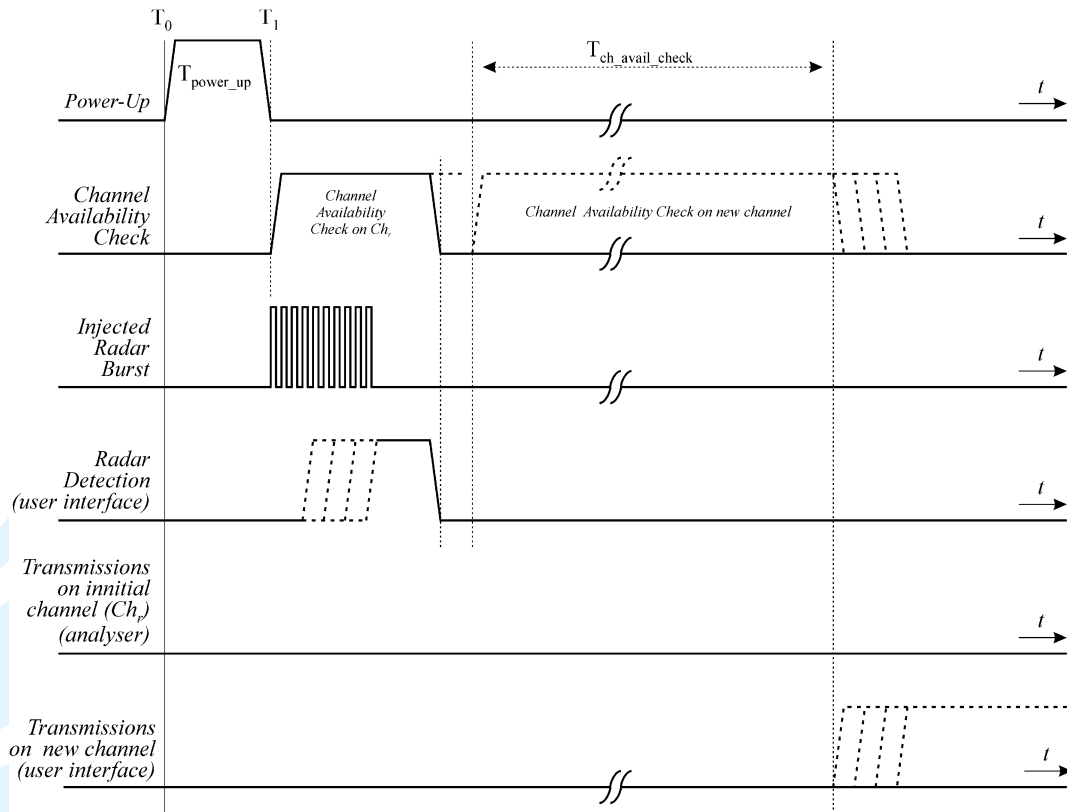


Figure 15: Example of timing for radar testing at the beginning of the Channel Availability Check Time

6.3.2.3 Radar Burst at the End of the Channel Availability Check Time

The steps below define the procedure to verify successful radar detection on the test Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold + 1dB occurs at the end of the Channel Availability Check Time. This is illustrated in Figure 16.

- (1) The Radar Waveform generator and EUT are connected using the applicable test setup and the power of the EUT is switched off.
- (2) The EUT is powered on at T0. T1 denotes the instant when the EUT has completed its power-up sequence (T_{power_up}). The Channel Availability Check Time commences on Chr at instant T1 and will end no sooner than T1 + Tch_{avail_check}.
- (3) A single Burst of one of the Short Pulse Radar Types 1-4 will commence within a 6 second window starting at T1 + 54 seconds. An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.
- (4) Visual indication or measured results on the EUT of successful detection of the radar Burst will be recorded and reported. Observation of Chr for EUT emissions will continue for 2.5 minutes after the radar Burst has been generated.
- (5) Verify that during the 2.5 minute measurement window no EUT transmissions occurred on Chr. The Channel Availability Check results will be recorded.

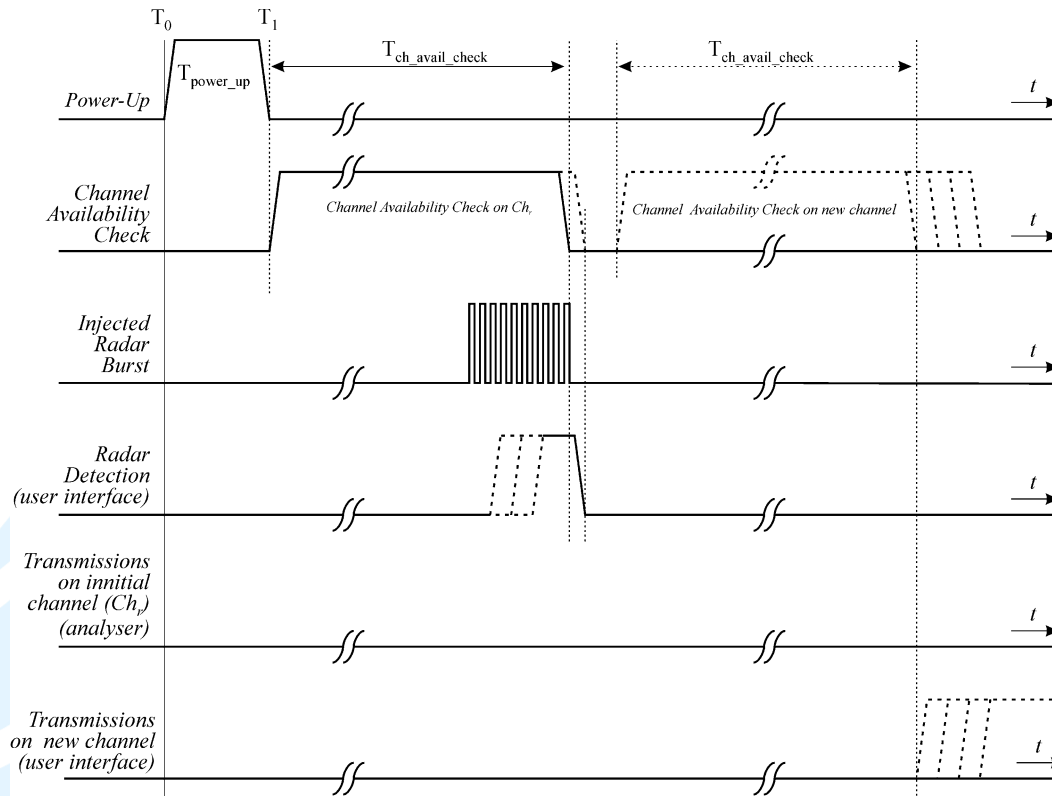
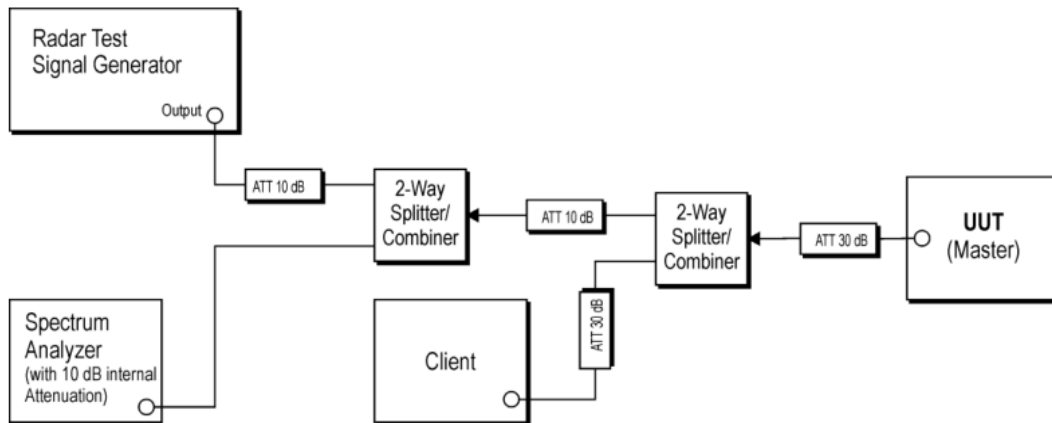


Figure 16: Example of timing for radar testing towards the end of the Channel Availability Check Time

6.3.3 Test Setup



6.3.4 Test Deviation

There is no deviation with the original standard.

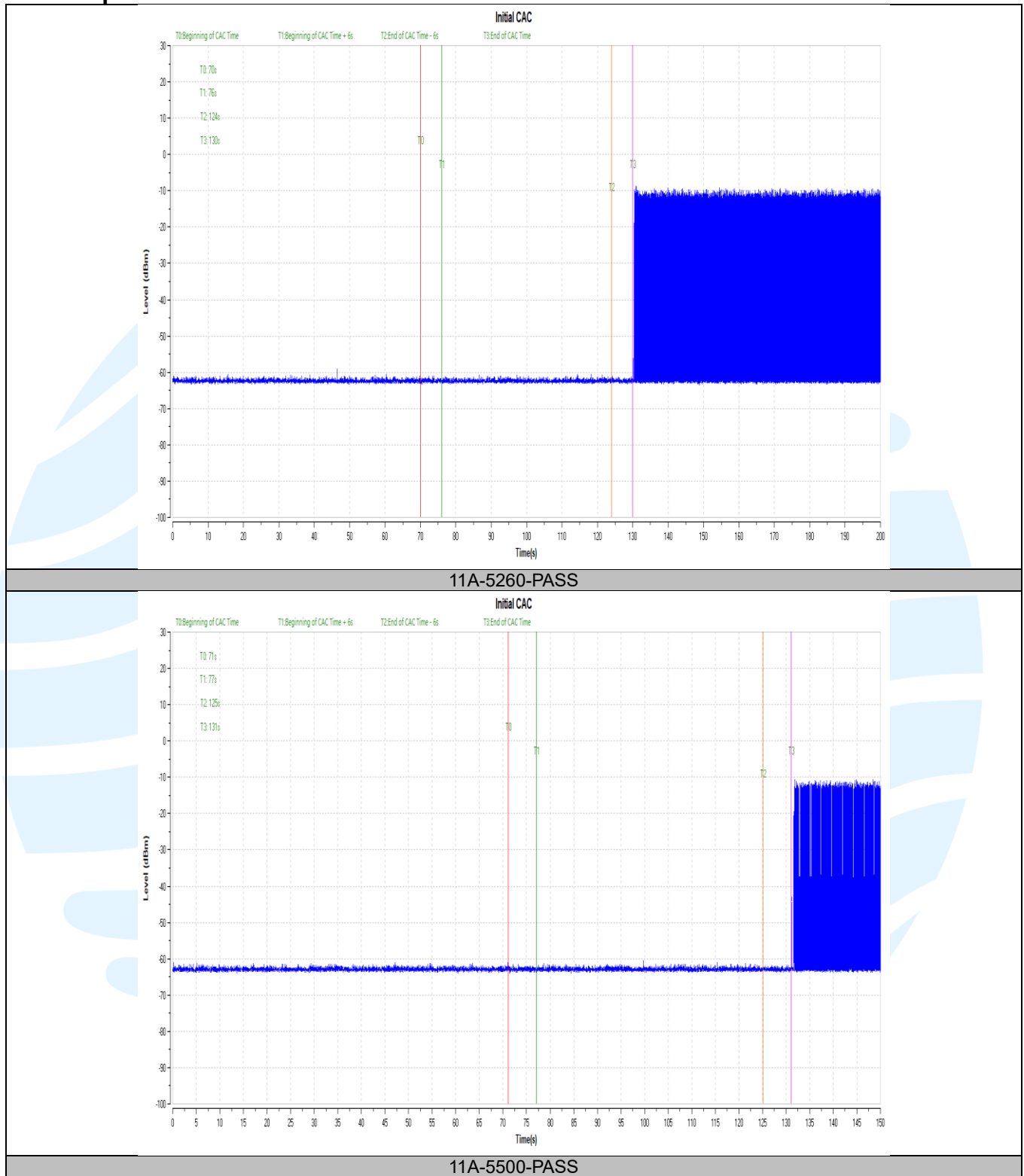
6.3.5 Result of Channel Availability Check Time Test Result

Test Mode	Frequency [MHz]	Result	Verdict
11AX20SISO	5260	See test Graph	PASS
11AX20SISO	5500	See test Graph	PASS

Test Mode	Frequency [MHz]	Result	Verdict
11AX20SISO	5260	See test Graph	PASS
11AX20SISO	5500	See test Graph	PASS

Test Mode	Frequency [MHz]	Result	Verdict
11AX20SISO	5260	See test Graph	PASS
11AX20SISO	5500	See test Graph	PASS

Test Graphs



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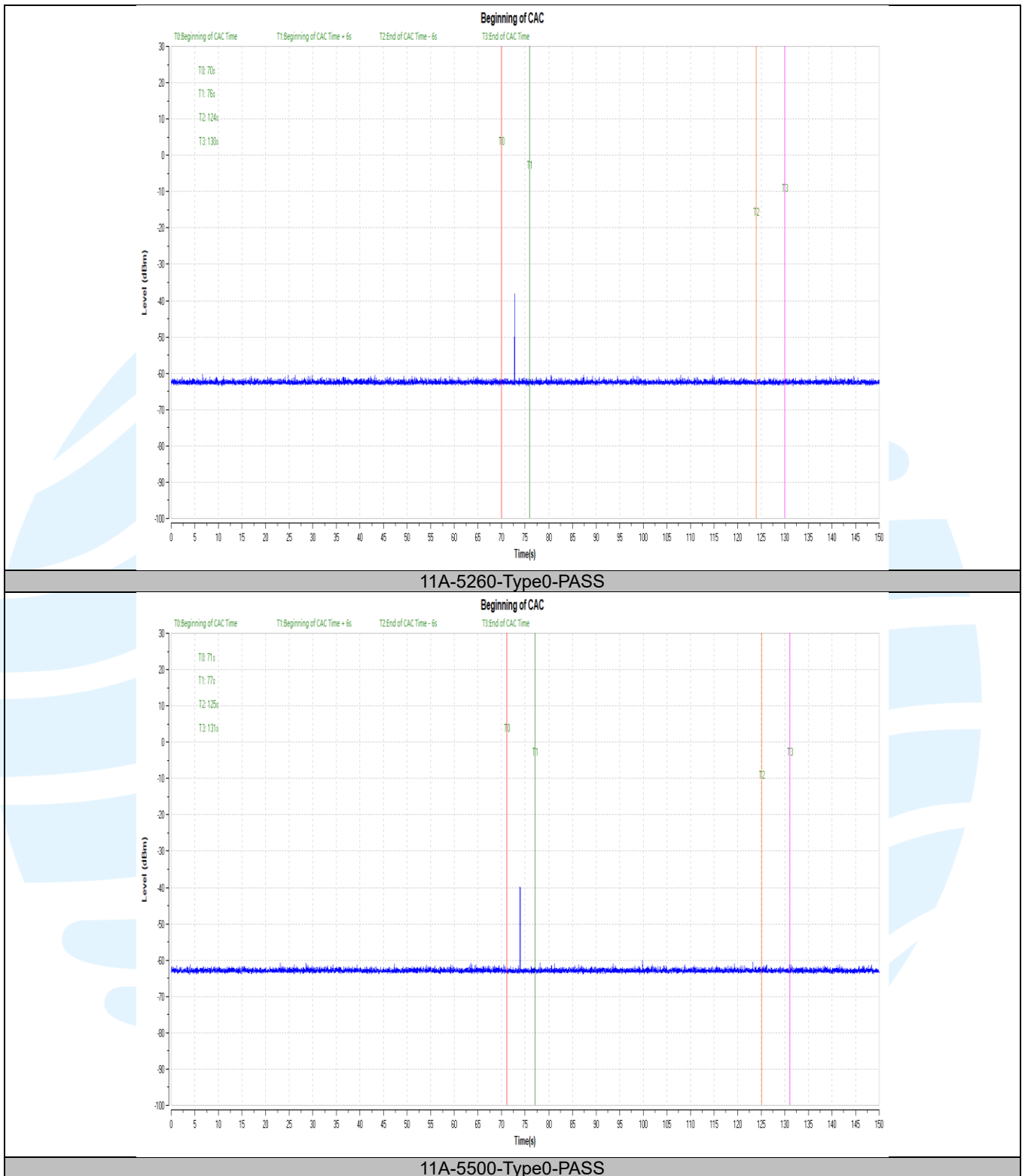
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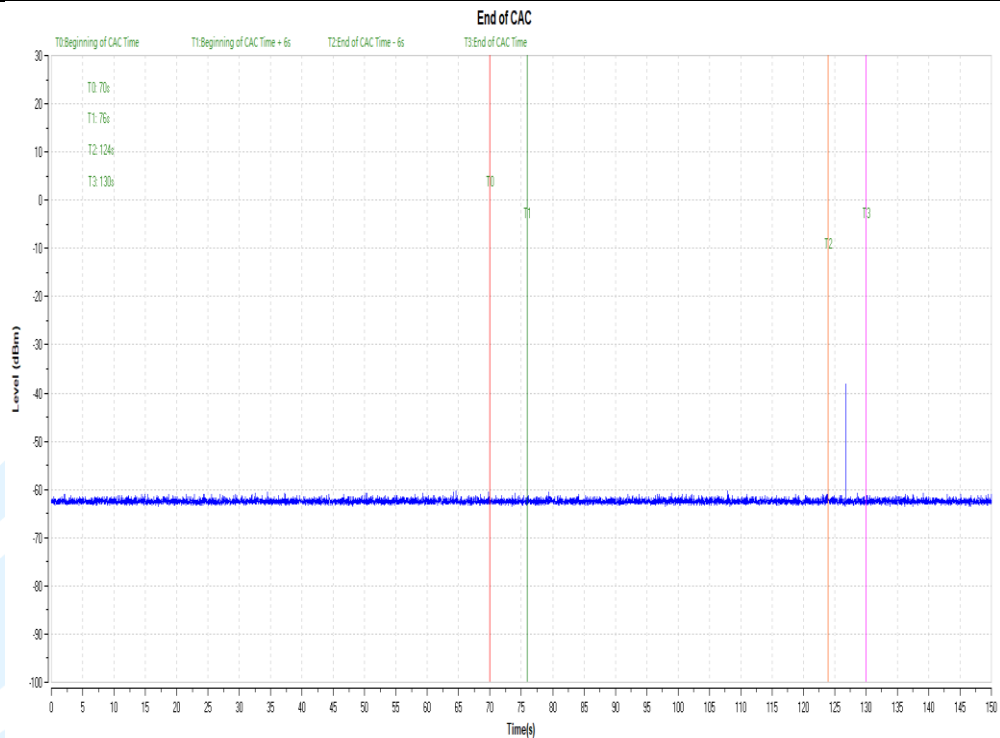
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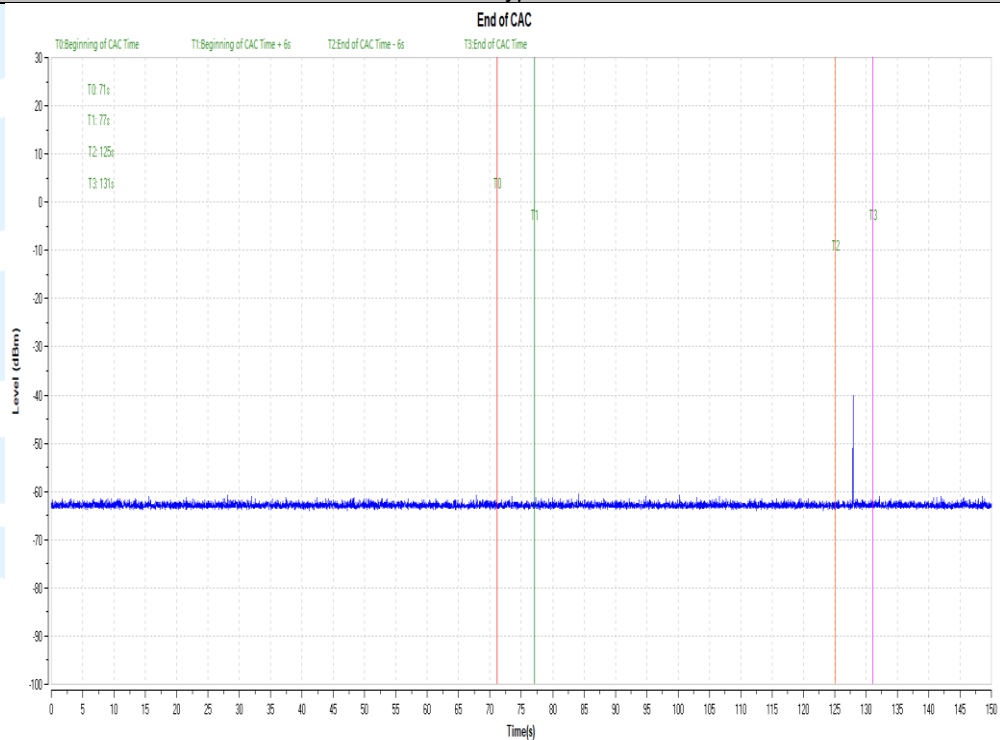
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11A-5260-Type0-PASS



11A-5500-Type0-PASS

6.4 IN-SERVICE MONITORING: CHANNEL MOVE TIME, CHANNEL CLOSING TRANSMISSION TIME AND NON-OCCUPANCY PERIOD (7.8.3)

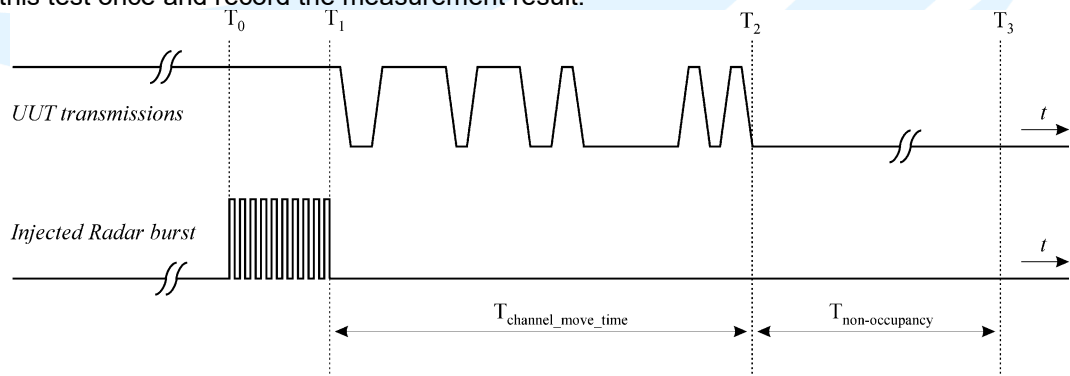
6.4.1 Limit of In-Service Monitoring

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 minute during which a Channel will not be utilized after a Radar Waveform is detected on that Channel.

6.4.2 Test Procedures

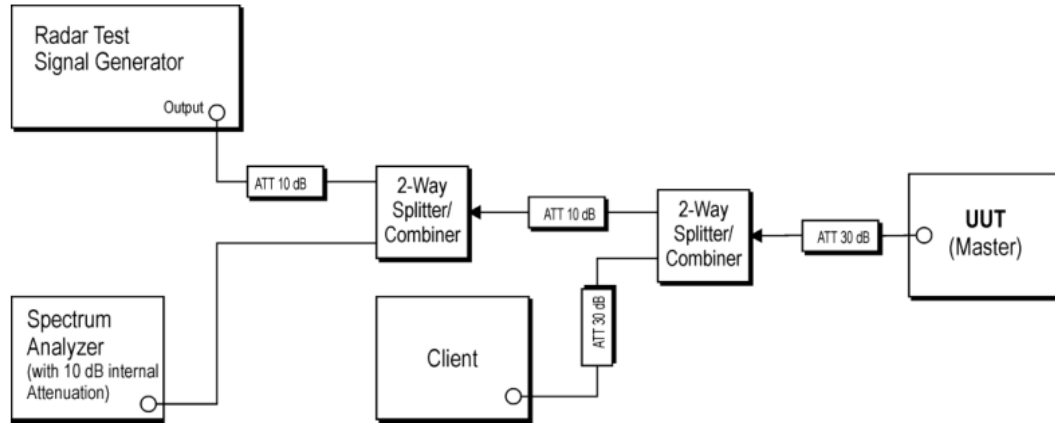
- (1) One frequency will be chosen from the Operating Channels of the EUT within the 5250-5350 MHz or 5470-5725 MHz bands. For 802.11 devices, the test frequency must contain control signals. This can be verified by disabling channel loading and monitoring the spectrum analyzer. If no control signals are detected, another frequency must be selected within the emission bandwidth where control signals are detected.
- (2) In case the EUT is a Master Device, a U-NII device operating as a Client Device will be used and it is assumed that the Client will associate with the EUT (Master). For radiated tests, the emissions of the Radar Waveform generator will be directed towards the Master Device. If the Master Device has antenna gain, the main beam of the antenna will be directed toward the radar emitter. Vertical polarization is used for testing.
- (3) The TCP protocol unicast data stream was generated by the iperf software command line with at least 17% activity ratio over any 100ms period.
- (4) Timing plots are reported with calculations demonstrating a minimum channel loading of approximately 17% or greater. For example, channel loading can be estimated by setting the spectrum analyzer for zero span and approximate the Time On/ (Time On + Off Time).
- (5) At time T₀ the Radar Waveform generator sends a Burst of pulses for one of the Short Pulse Radar Types 1-4 at DFS Detection Threshold levels on the Operating Channel. An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.
- (6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel for duration greater than 10 seconds. Measure and record the transmissions from the EUT during the observation time (Channel Move Time). Measure and record the Channel Move Time and Channel Closing Transmission Time if radar detection occurs.
- (7) (7) When operating as a Master Device, monitor the EUT for more than 30 minutes following instant T₂ to verify that the EUT does not resume any transmissions on this Channel. Perform this test once and record the measurement result.



- (8) One 12 seconds plot is reported for the Short Pulse Radar Type 0
- (9) 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: $D_{well} (0.3ms) = S (12000ms) / B (40000)$; where D_{well} 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: $C \text{ (ms)} = N \times \text{Dwell} \text{ (0.3 ms)}$; 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.

6.4.3 Test Setup



6.4.4 Test Deviation

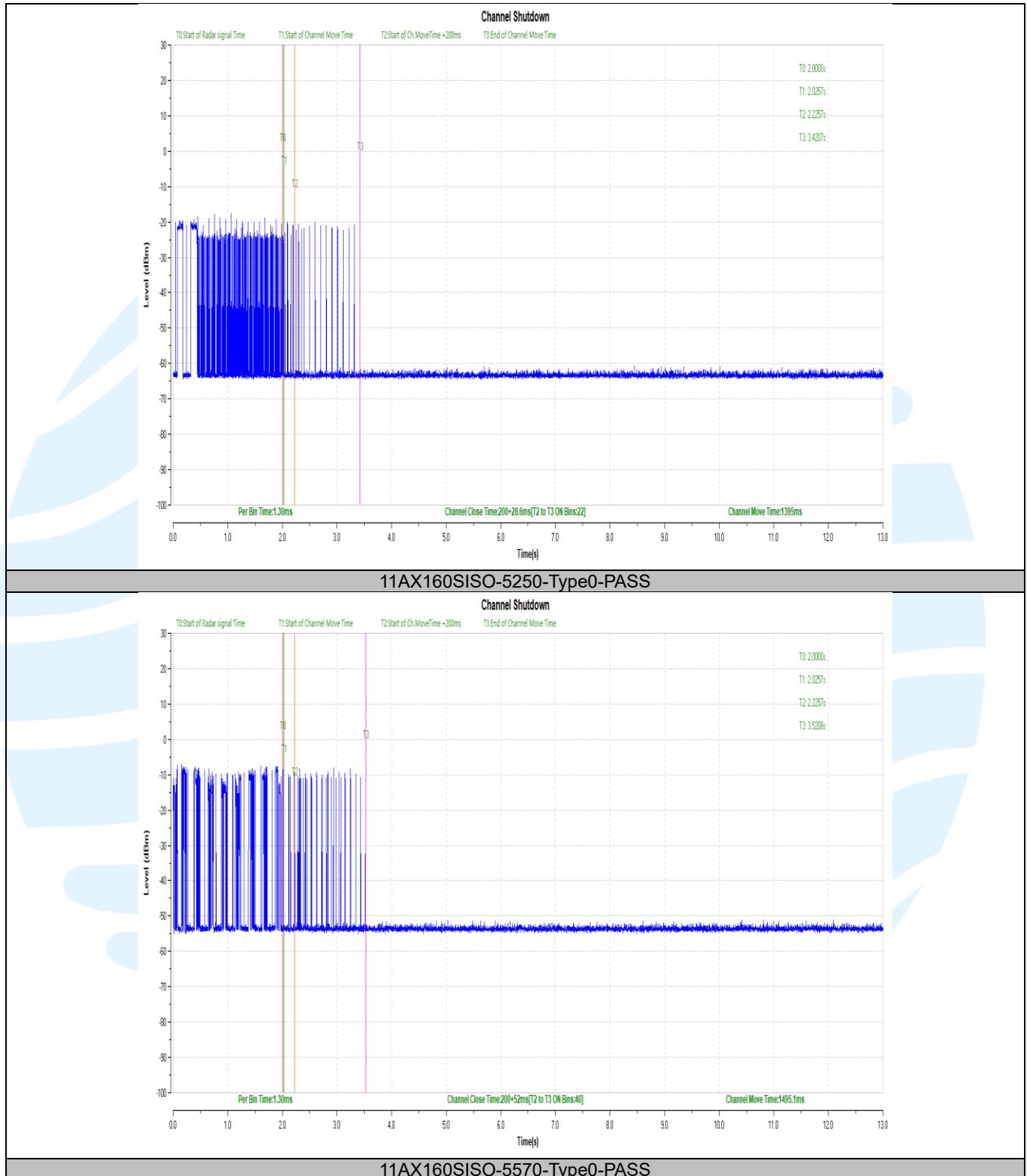
There is no deviation with the original standard.

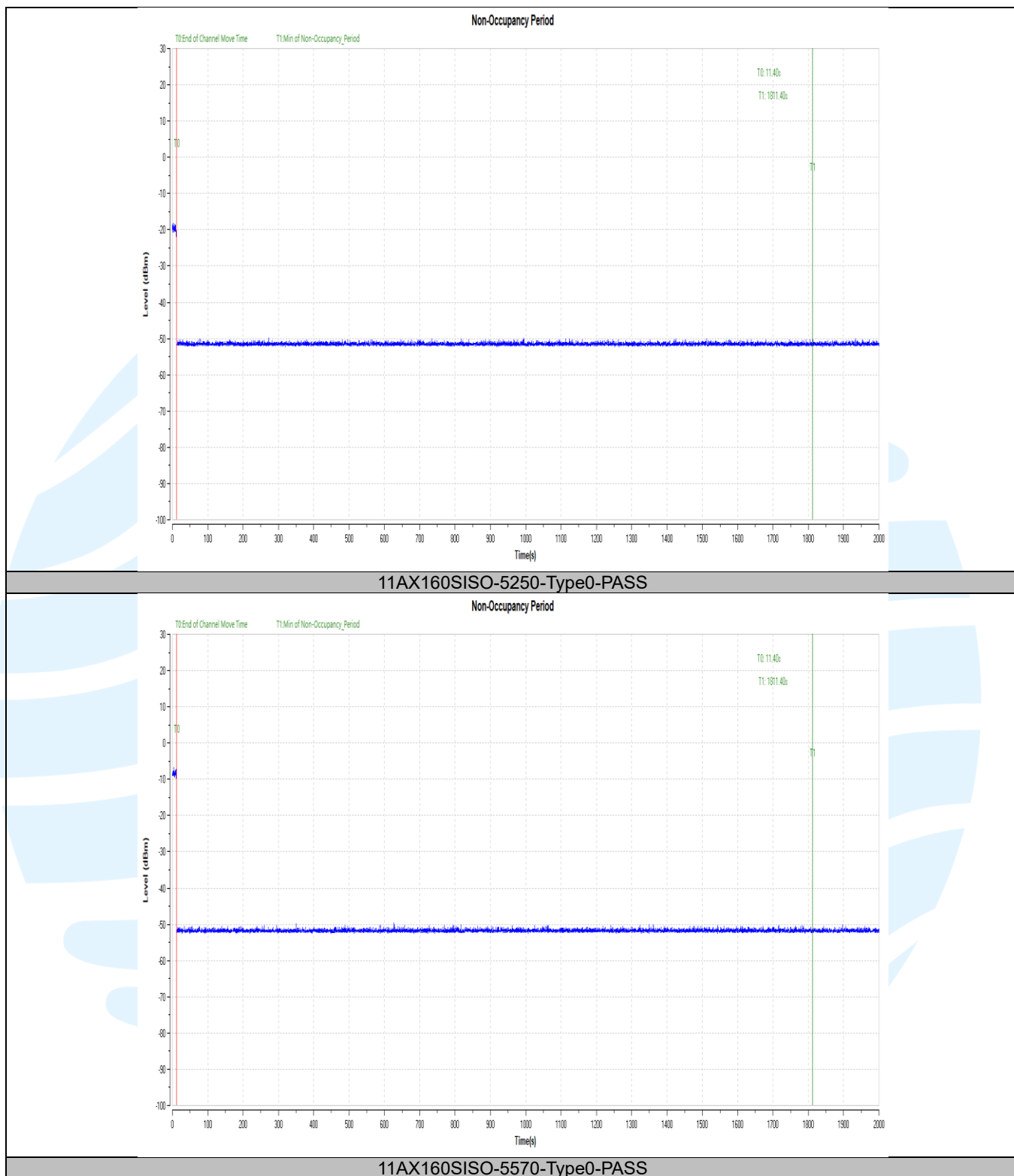
6.4.5 Result of Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period for Client Beacon Test

Test Mode	Frequency [MHz]	CCTT [ms]	Limit [ms]	CMT [ms]	Limit [ms]	Verdict
11AX160SISO	5250	200+28.6	200+60	1395	10000	PASS
11AX160SISO	5570	200+52	200+60	1495.1	10000	PASS

Test Mode	Frequency [MHz]	Result	Limit [s]	Verdict
11AX160SISO	5250	see test graph	≥1800	PASS
11AX160SISO	5570	see test graph	≥1800	PASS

6.4.6 Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period Test Plots

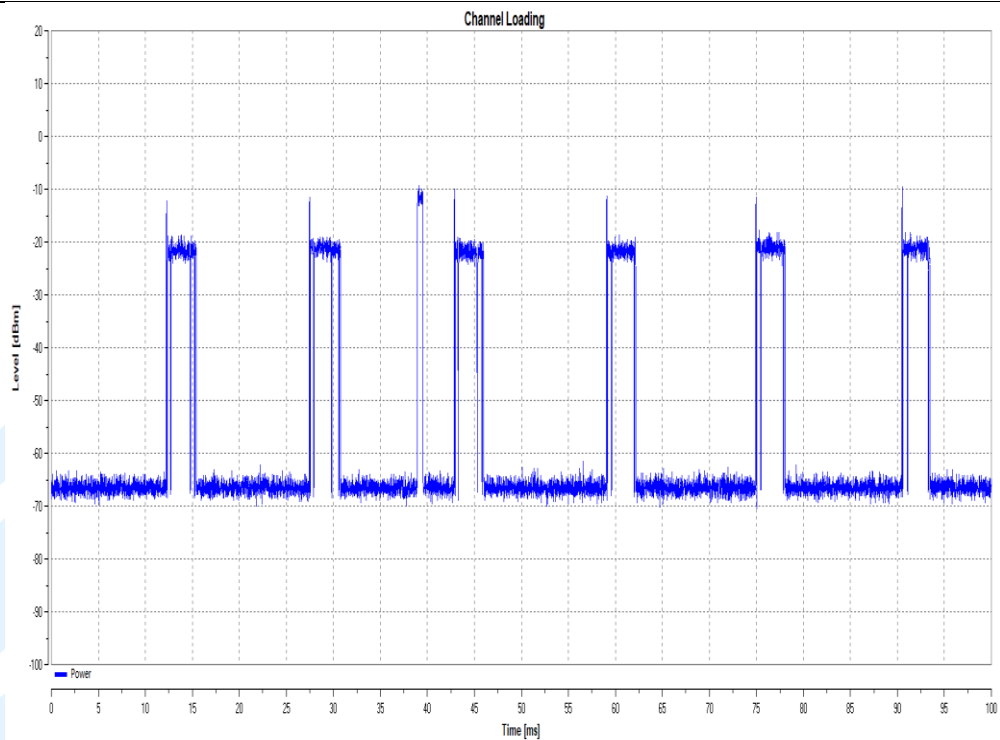




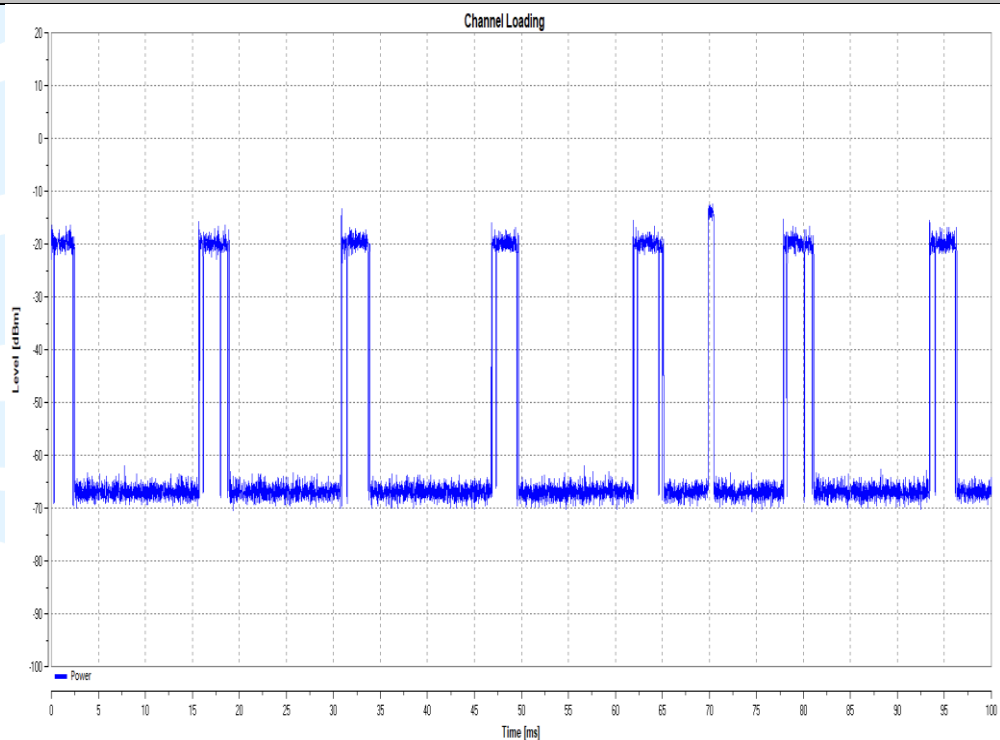
6.4.7 Data Traffic Channel Loading and Noise Floor Plots**Test Result**

Test Mode	Frequency [MHz]	Result	Limit [%]	Verdict
11AX20SISO	5260	17.95	17	PASS
11AX20SISO	5500	20.31	17	PASS
11AX160SISO	5250	29.9	17	PASS
11AX40SISO	5270	28.06	17	PASS
11AX40SISO	5510	28.67	17	PASS
11AX80SISO	5290	38.53	17	PASS
11AX80SISO	5530	38.6	17	PASS
11AX160SISO	5570	21.6	17	PASS

Test Graphs



11A-5260-PASS



11A-5500-PASS

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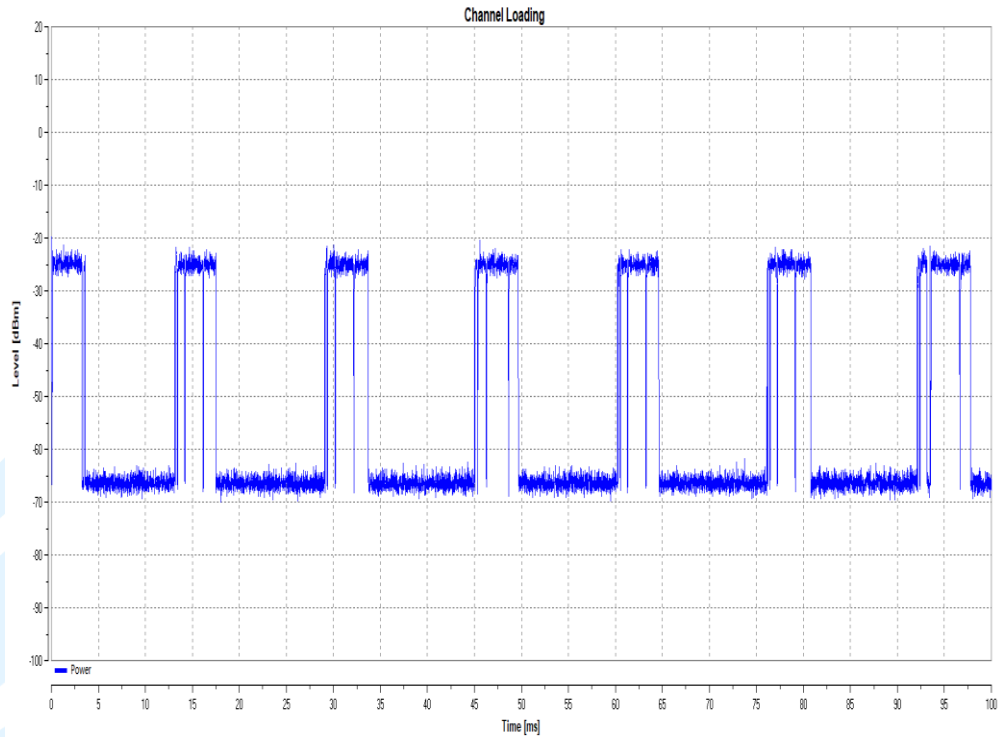
Address: 16/F, Block A, Building 6th, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, China

Tel: +86-755-28230888

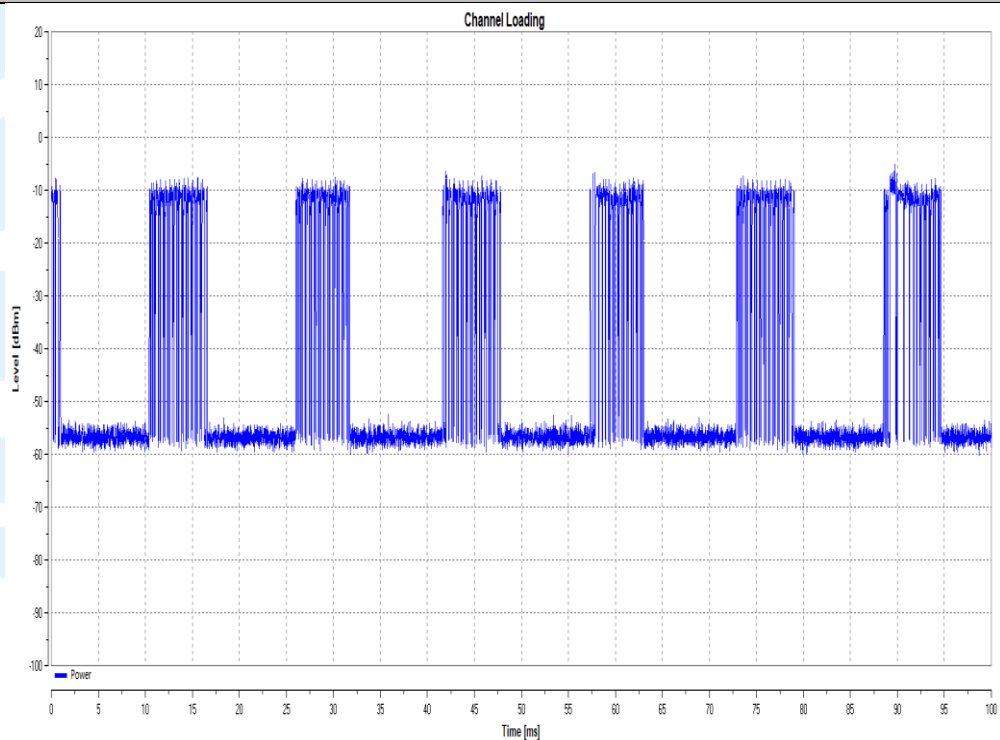
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11AX160SISO-5250-PASS



11AX40SISO-5270-PASS

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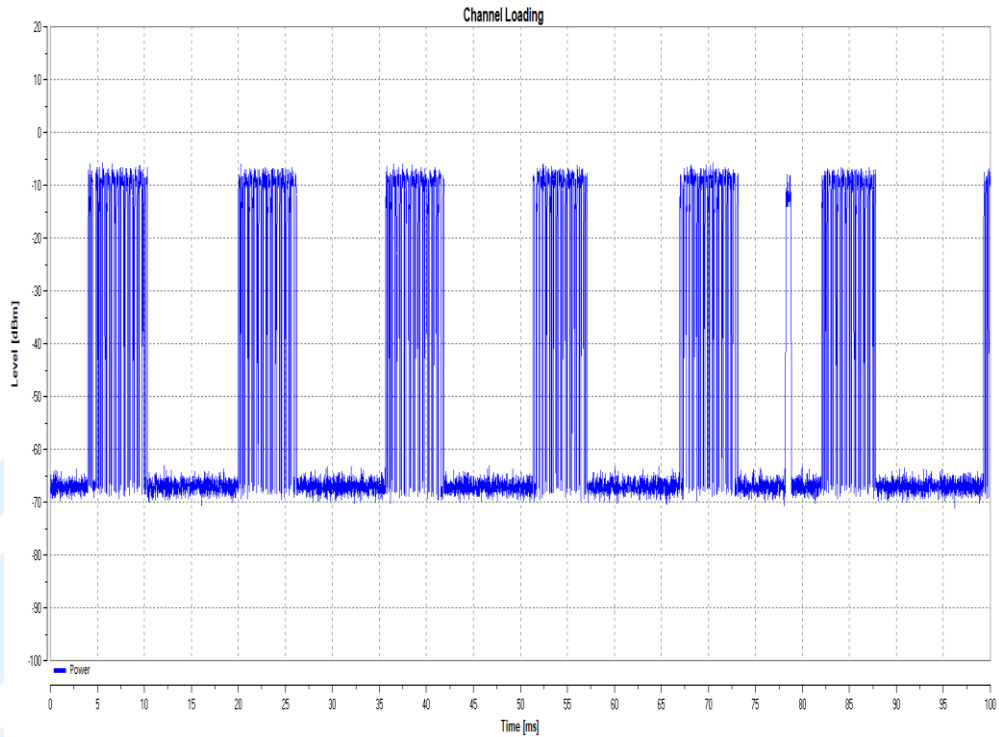
Address: 16/F, Block A, Building 6th, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, China

Tel: +86-755-28230888

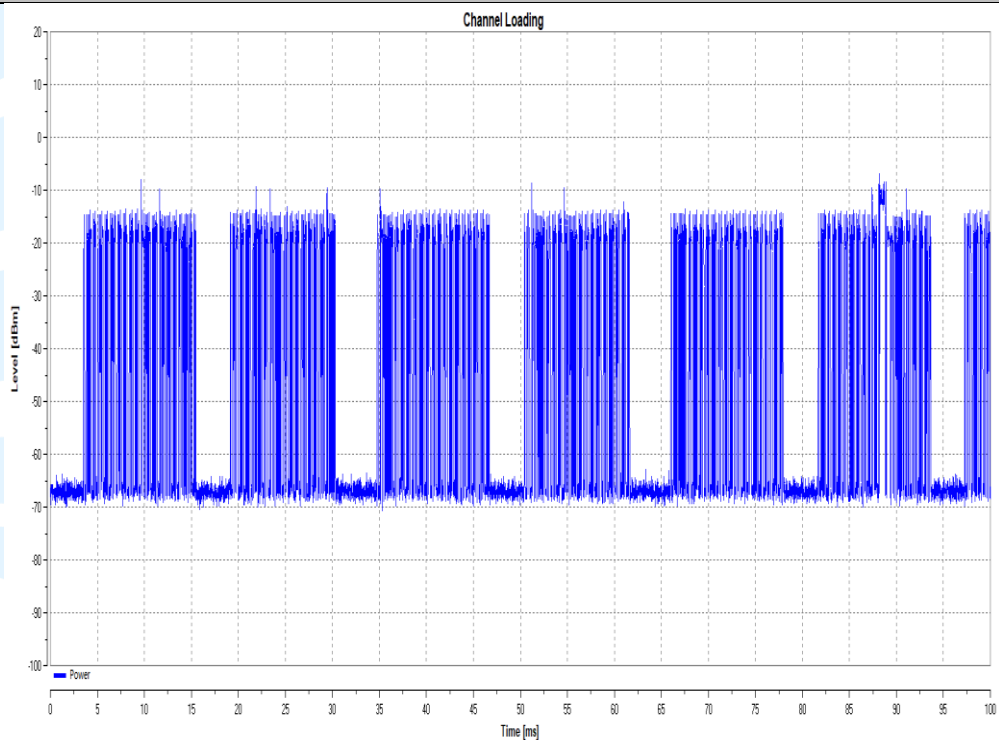
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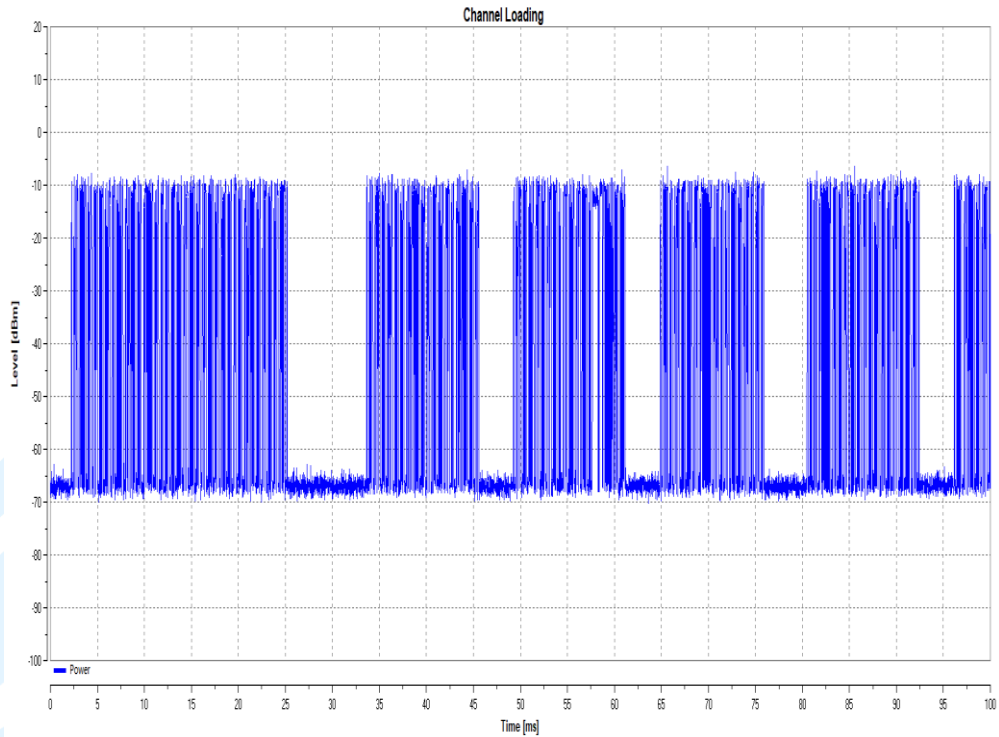
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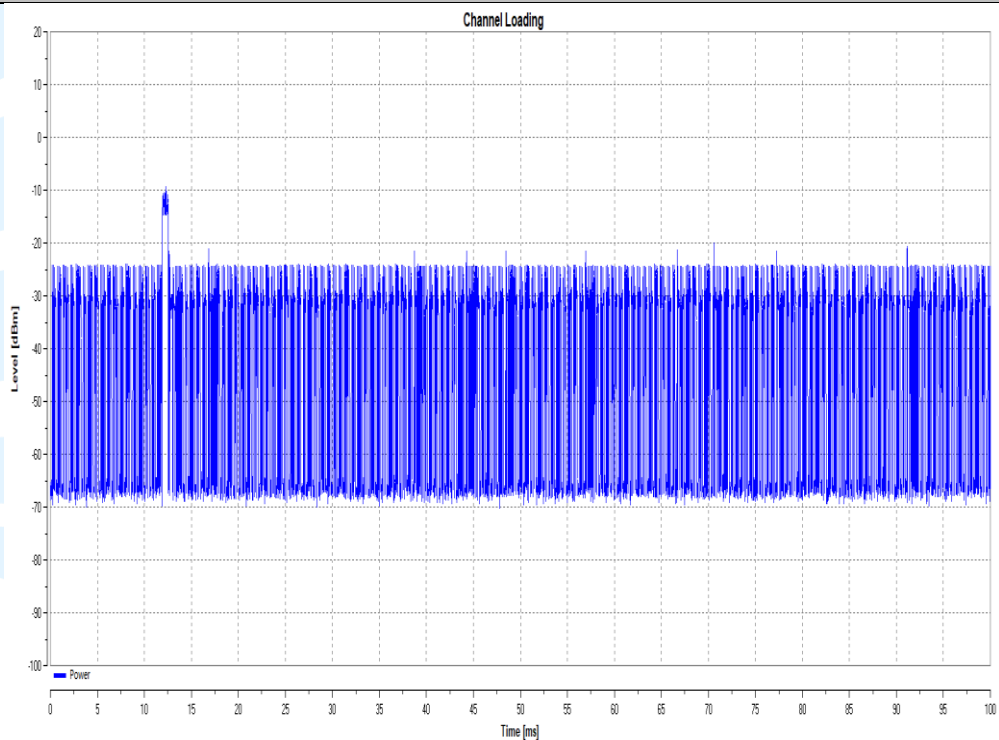
11AX40SISO-5510-PASS



11AX80SISO-5290-PASS



11AX80ISO-5530-PASS



11AX160ISO-5570-PASS

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6.5 STATISTICAL PERFORMANCE CHECK (7.8.4)

6.5.1 Limit of Statistical Performance Check

Short Pulse Radar Test

Once the performance requirements check is complete, statistical data will be gathered, to determine the ability of the device to detect the radar test waveforms (Short Pulse Radar Types 1-4) found in Table 5. The device can utilize a test mode to demonstrate when detection occurs to prevent the need to reset the device between trials. The percentage of successful detection is calculated by:

$$\frac{\text{Total Wave form Detections}}{\text{Total Wave form Trials}} \times 100 = \text{Percentage of Successful Detection Radar Waveform } N = P_d N$$

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

$$\frac{P_d 1 + P_d 2 + P_d 3 + P_d 4}{4}$$

The minimum number of trails, minimum percentage of successful detection and the aggregate minimum percentage of successful detection are found in Table 5.

Table 5 – Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
1	1	1428	18	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 1 through 4. For Short Pulse Radar Type 0, the same waveform is used a minimum of 30 times. If more than 30 waveforms are used for Short Pulse Radar Types 1 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms.

Radar Type	Number of Trials	Number of Successful Detections	Minimum Percentage of Successful Detection
1	35	29	82.9%
2	30	18	60%
3	30	27	90%
4	50	44	88%
Aggregate (82.9% + 60% + 90% + 88%)/4 = 80.2%			

Long Pulse Radar Test

Statistical data will be gathered to determine the ability of the device to detect the Long Pulse Radar Type 5 found in Table 6. The device can utilize a test mode to demonstrate when detection occurs to prevent the need to reset the device between trials. The percentage of successful detection is calculated by:

$$\frac{\text{Total Wave form Detections}}{\text{Total Wave form Trials}} \times 100$$

Table 6 –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.

Frequency Hopping Radar Test

Statistical data will be gathered to determine the ability of the device to detect the Frequency Hopping radar test signal (radar type 6) found in Table 7. The device can utilize a test mode to demonstrate when detection occurs to prevent the need to reset the device between trial runs. The probability of successful detection is calculated by:

$$\frac{\text{Total Wave form Detections}}{\text{Total Wave form Trials}} \times 100$$

Table 7 –Frequency Hopping Radar Test Waveform

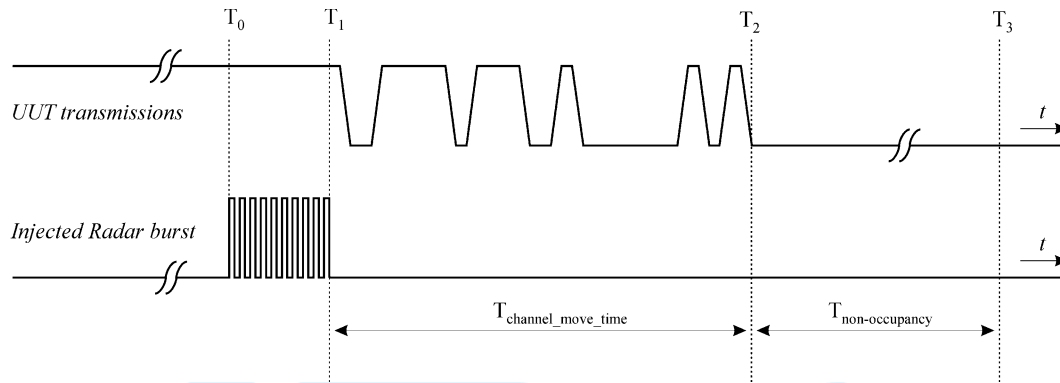
Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

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:

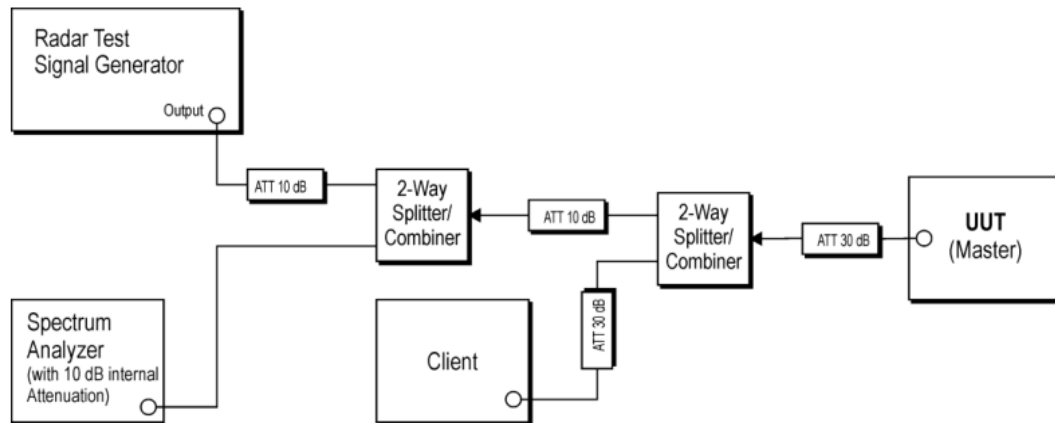
The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues 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.

6.5.2 Test Procedures

- (1) One frequency will be chosen from the Operating Channels of the EUT within the 5250-5350 MHz or 5470-5725 MHz bands.
- (2) (In case the EUT is a Master Device, a U-NII device operating as a Client Device will be used and it is assumed that the Client will associate with the EUT (Master). If the Master Device has antenna gain, the main beam of the antenna will be directed toward the radar emitter. Vertical polarization is used for testing.
- (3) The TCP protocol unicast data stream was generated by the iperf software command line with at least 17% activity ratio over any 100ms period.
- (4) At time T0 the Radar Waveform generator sends a Burst of pulses for each of the Radar Types 1-6 at DFS Detection Threshold levels on the Operating Channel. An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.
- (5) Observe the transmissions of the EUT at the end of the Burst on the Operating Channel for duration greater than 10 seconds for Short Pulse Radar Types 1-4 and 6 to ensure detection occurs.
- (6) Observe the transmissions of the EUT at the end of the Burst on the Operating Channel for duration greater than 22 seconds for Long Pulse Radar Type 5 to ensure detection occurs



6.5.3 Test Setup



6.5.4 Test Deviation

There is no deviation with the original standard.

6.5.5 Result of Statistical Performance Check

Test Mode	Frequency [MHz]	Radar Type	Pass Times	Fail Times	Probability (%)	Limit (%)	Verdict
11AX20SISO	5260	Type0	29	1	96.67	60	PASS
11AX20SISO	5260	Type1	29	1	96.67	60	PASS
11AX20SISO	5260	Type2	27	3	90.00	60	PASS
11AX20SISO	5260	Type3	27	3	90.00	60	PASS
11AX20SISO	5260	Type4	28	2	93.33	60	PASS
11AX20SISO	5260	Type 1-4	---	---	92.50	80	PASS
11AX20SISO	5260	Type5	30	0	100.00	80	PASS
11AX20SISO	5260	Type6	30	0	100.00	70	PASS
11AX20SISO	5500	Type0	30	0	100.00	60	PASS
11AX20SISO	5500	Type1	29	1	96.67	60	PASS
11AX20SISO	5500	Type2	27	3	90.00	60	PASS
11AX20SISO	5500	Type3	21	9	70.00	60	PASS
11AX20SISO	5500	Type4	22	8	73.33	60	PASS
11AX20SISO	5500	Type 1-4	---	---	82.50	80	PASS
11AX20SISO	5500	Type5	26	4	86.67	80	PASS
11AX20SISO	5500	Type6	30	0	100.00	70	PASS
11AX160SISO	5250	Type0	20	10	66.66	60	PASS
11AX160SISO	5250	Type1	26	4	86.67	60	PASS
11AX160SISO	5250	Type2	23	7	76.66	60	PASS
11AX160SISO	5250	Type3	25	5	83.33	60	PASS
11AX160SISO	5250	Type4	28	2	93.33	60	PASS
11AX160SISO	5250	Type 1-4	---	---	84.99	80	PASS
11AX160SISO	5250	Type5	25	5	83.33	80	PASS
11AX160SISO	5250	Type6	30	0	100.00	70	PASS
11AX40SISO	5270	Type0	30	0	100.00	60	PASS
11AX40SISO	5270	Type1	30	0	100.00	60	PASS
11AX40SISO	5270	Type2	26	4	86.67	60	PASS
11AX40SISO	5270	Type3	24	6	80.00	60	PASS
11AX40SISO	5270	Type4	21	9	70.00	60	PASS
11AX40SISO	5270	Type 1-4	---	---	84.17	80	PASS
11AX40SISO	5270	Type5	29	1	96.67	80	PASS
11AX40SISO	5270	Type6	30	0	100.00	70	PASS
11AX40SISO	5510	Type0	27	3	90.00	60	PASS
11AX40SISO	5510	Type1	27	3	90.00	60	PASS
11AX40SISO	5510	Type2	21	9	70.00	60	PASS
11AX40SISO	5510	Type3	28	2	93.33	60	PASS
11AX40SISO	5510	Type4	24	6	80.00	60	PASS
11AX40SISO	5510	Type 1-4	---	---	83.33	80	PASS
11AX40SISO	5510	Type5	30	0	100.00	80	PASS
11AX40SISO	5510	Type6	26	4	86.67	70	PASS
11AX80SISO	5290	Type0	24	6	80.00	60	PASS
11AX80SISO	5290	Type1	25	5	83.33	60	PASS
11AX80SISO	5290	Type2	24	6	80.00	60	PASS
11AX80SISO	5290	Type3	25	5	83.33	60	PASS
11AX80SISO	5290	Type4	27	3	90.00	60	PASS
11AX80SISO	5290	Type 1-4	---	---	84.16	80	PASS
11AX80SISO	5290	Type5	27	3	90.00	80	PASS
11AX80SISO	5290	Type6	30	0	100.00	70	PASS
11AX80SISO	5530	Type0	26	4	86.67	60	PASS
11AX80SISO	5530	Type1	25	5	83.33	60	PASS
11AX80SISO	5530	Type2	20	10	66.67	60	PASS
11AX80SISO	5530	Type3	26	4	86.67	60	PASS
11AX80SISO	5530	Type4	25	5	83.33	60	PASS
11AX80SISO	5530	Type 1-4	---	---	80.00	80	PASS
11AX80SISO	5530	Type5	27	3	90.00	80	PASS
11AX80SISO	5530	Type6	30	0	100.00	70	PASS
11AX160SISO	5570	Type0	30	0	100.00	60	PASS
11AX160SISO	5570	Type1	28	2	93.33	60	PASS
11AX160SISO	5570	Type2	26	4	86.67	60	PASS

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11AX160SISO	5570	Type3	24	6	80.00	60	PASS
11AX160SISO	5570	Type4	21	9	70.00	60	PASS
11AX160SISO	5570	Type 1-4	---	---	82.50	80	PASS
11AX160SISO	5570	Type5	28	2	93.33	80	PASS
11AX160SISO	5570	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)
11AX20SISO	5260	Type0	0	1.0	1428.0	18	1
11AX20SISO	5260	Type0	1	1.0	1428.0	18	1
11AX20SISO	5260	Type0	2	1.0	1428.0	18	1
11AX20SISO	5260	Type0	3	1.0	1428.0	18	1
11AX20SISO	5260	Type0	4	1.0	1428.0	18	1
11AX20SISO	5260	Type0	5	1.0	1428.0	18	1
11AX20SISO	5260	Type0	6	1.0	1428.0	18	1
11AX20SISO	5260	Type0	7	1.0	1428.0	18	1
11AX20SISO	5500	Type0	0	1.0	1428.0	18	1
11AX20SISO	5500	Type0	1	1.0	1428.0	18	1
11AX20SISO	5500	Type0	2	1.0	1428.0	18	1
11AX20SISO	5500	Type0	3	1.0	1428.0	18	1
11AX20SISO	5500	Type0	4	1.0	1428.0	18	1
11AX20SISO	5500	Type0	5	1.0	1428.0	18	1
11AX20SISO	5500	Type0	6	1.0	1428.0	18	1
11AX20SISO	5500	Type0	7	1.0	1428.0	18	1
11AX20SISO	5500	Type0	8	1.0	1428.0	18	1
11AX20SISO	5500	Type0	9	1.0	1428.0	18	1
11AX20SISO	5500	Type0	10	1.0	1428.0	18	1
11AX20SISO	5500	Type0	11	1.0	1428.0	18	1
11AX20SISO	5500	Type0	12	1.0	1428.0	18	1
11AX20SISO	5500	Type0	13	1.0	1428.0	18	1
11AX20SISO	5500	Type0	14	1.0	1428.0	18	1
11AX20SISO	5500	Type0	15	1.0	1428.0	18	1
11AX20SISO	5500	Type0	16	1.0	1428.0	18	1
11AX20SISO	5500	Type0	17	1.0	1428.0	18	1
11AX20SISO	5500	Type0	18	1.0	1428.0	18	1
11AX20SISO	5500	Type0	19	1.0	1428.0	18	1
11AX20SISO	5500	Type0	20	1.0	1428.0	18	1
11AX20SISO	5500	Type0	21	1.0	1428.0	18	1
11AX20SISO	5500	Type0	22	1.0	1428.0	18	1
11AX20SISO	5500	Type0	23	1.0	1428.0	18	1
11AX20SISO	5500	Type0	24	1.0	1428.0	18	1
11AX20SISO	5500	Type0	25	1.0	1428.0	18	1
11AX20SISO	5500	Type0	26	1.0	1428.0	18	1
11AX20SISO	5500	Type0	27	1.0	1428.0	18	1
11AX20SISO	5500	Type0	28	1.0	1428.0	18	1
11AX20SISO	5500	Type0	29	1.0	1428.0	18	1
11AX20SISO	5500	Type1	15	1.0	2536.0	21	1
11AX20SISO	5500	Type1	16	1.0	966.0	55	1
11AX20SISO	5500	Type1	17	1.0	827.0	64	1
11AX20SISO	5500	Type1	18	1.0	2501.0	22	1
11AX20SISO	5500	Type1	19	1.0	2595.0	21	0
11AX20SISO	5500	Type1	20	1.0	1114.0	48	1
11AX20SISO	5500	Type1	21	1.0	1302.0	41	1
11AX20SISO	5500	Type1	22	1.0	3045.0	18	1
11AX20SISO	5500	Type1	23	1.0	1624.0	33	1
11AX20SISO	5500	Type1	24	1.0	2878.0	19	1
11AX20SISO	5500	Type1	25	1.0	1027.0	52	1
11AX20SISO	5500	Type1	26	1.0	2485.0	22	1
11AX20SISO	5500	Type1	27	1.0	1600.0	33	1
11AX20SISO	5500	Type1	28	1.0	1172.0	46	1
11AX20SISO	5500	Type1	29	1.0	1177.0	45	1
11AX20SISO	5500	Type1	0	1.0	938.0	57	1
11AX20SISO	5500	Type1	1	1.0	698.0	76	1
11AX20SISO	5500	Type1	2	1.0	618.0	86	1
11AX20SISO	5500	Type1	3	1.0	538.0	99	1
11AX20SISO	5500	Type1	4	1.0	878.0	61	1
11AX20SISO	5500	Type1	5	1.0	3066.0	18	1
11AX20SISO	5500	Type1	6	1.0	638.0	83	1

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11AX20SISO	5500	Type1	7	1.0	918.0	58	1
11AX20SISO	5500	Type1	8	1.0	838.0	63	1
11AX20SISO	5500	Type1	9	1.0	858.0	62	1
11AX20SISO	5500	Type1	10	1.0	798.0	67	1
11AX20SISO	5500	Type1	11	1.0	718.0	74	1
11AX20SISO	5500	Type1	12	1.0	578.0	92	1
11AX20SISO	5500	Type1	13	1.0	598.0	89	1
11AX20SISO	5500	Type1	14	1.0	558.0	95	1
11AX20SISO	5500	Type2	0	3.2	179.0	26	1
11AX20SISO	5500	Type2	1	1.1	207.0	23	1
11AX20SISO	5500	Type2	2	2.1	230.0	24	1
11AX20SISO	5500	Type2	3	4.8	200.0	29	1
11AX20SISO	5500	Type2	4	3.9	214.0	28	1
11AX20SISO	5500	Type2	5	2.9	222.0	26	1
11AX20SISO	5500	Type2	6	3.2	204.0	26	1
11AX20SISO	5500	Type2	8	3.1	164.0	26	1
11AX20SISO	5500	Type2	9	1.2	156.0	23	1
11AX20SISO	5500	Type2	10	3.9	210.0	27	1
11AX20SISO	5500	Type2	11	4.6	201.0	29	1
11AX20SISO	5500	Type2	12	3.2	162.0	26	0
11AX20SISO	5500	Type2	13	2.2	197.0	25	1
11AX20SISO	5500	Type2	14	4.5	163.0	29	1
11AX20SISO	5500	Type2	15	3.0	203.0	26	1
11AX20SISO	5500	Type2	16	5.0	168.0	29	1
11AX20SISO	5500	Type2	17	2.4	217.0	25	1
11AX20SISO	5500	Type2	18	2.9	191.0	26	1
11AX20SISO	5500	Type2	19	2.3	166.0	25	1
11AX20SISO	5500	Type2	20	3.7	150.0	27	1
11AX20SISO	5500	Type2	21	2.2	176.0	25	1
11AX20SISO	5500	Type2	22	4.9	195.0	29	1
11AX20SISO	5500	Type2	23	2.9	202.0	26	1
11AX20SISO	5500	Type2	24	2.5	178.0	25	1
11AX20SISO	5500	Type2	25	1.1	206.0	23	1
11AX20SISO	5500	Type2	26	3.8	155.0	27	0
11AX20SISO	5500	Type2	27	4.7	157.0	29	1
11AX20SISO	5500	Type2	28	2.4	224.0	25	1
11AX20SISO	5500	Type2	29	4.2	159.0	28	0
11AX20SISO	5500	Type2	7	2.5	192.0	25	1
11AX20SISO	5500	Type3	0	8.2	355.0	17	1
11AX20SISO	5500	Type3	1	6.1	487.0	16	1
11AX20SISO	5500	Type3	2	7.1	344.0	16	1
11AX20SISO	5500	Type3	3	9.8	288.0	18	0
11AX20SISO	5500	Type3	4	8.9	230.0	18	1
11AX20SISO	5500	Type3	5	7.9	432.0	17	1
11AX20SISO	5500	Type3	6	8.2	207.0	17	1
11AX20SISO	5500	Type3	7	7.5	443.0	17	1
11AX20SISO	5500	Type3	8	8.1	439.0	17	1
11AX20SISO	5500	Type3	9	6.2	223.0	16	1
11AX20SISO	5500	Type3	10	8.9	208.0	18	0
11AX20SISO	5500	Type3	11	9.6	463.0	18	1
11AX20SISO	5500	Type3	12	8.2	441.0	17	0
11AX20SISO	5500	Type3	13	7.2	323.0	16	0
11AX20SISO	5500	Type3	14	9.5	297.0	18	0
11AX20SISO	5500	Type3	15	8.0	412.0	17	1
11AX20SISO	5500	Type3	16	10.0	324.0	18	1
11AX20SISO	5500	Type3	17	7.4	271.0	17	1
11AX20SISO	5500	Type3	18	7.9	349.0	17	0
11AX20SISO	5500	Type3	19	7.3	409.0	16	1
11AX20SISO	5500	Type3	20	8.7	373.0	18	0
11AX20SISO	5500	Type3	21	7.2	254.0	16	1
11AX20SISO	5500	Type3	22	9.9	274.0	18	1
11AX20SISO	5500	Type3	23	7.9	278.0	17	1
11AX20SISO	5500	Type3	24	7.5	317.0	17	1

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11AX20SISO	5500	Type3	25	6.1	260.0	16	1
11AX20SISO	5500	Type3	27	9.7	272.0	18	0
11AX20SISO	5500	Type3	28	7.4	264.0	17	0
11AX20SISO	5500	Type3	29	9.2	284.0	18	1
11AX20SISO	5500	Type3	26	8.8	211.0	18	1
11AX20SISO	5500	Type4	0	16.0	355.0	14	1
11AX20SISO	5500	Type4	1	11.3	487.0	12	1
11AX20SISO	5500	Type4	2	13.5	344.0	13	1
11AX20SISO	5500	Type4	3	19.4	288.0	16	1
11AX20SISO	5500	Type4	4	17.5	230.0	15	0
11AX20SISO	5500	Type4	5	15.3	432.0	14	0
11AX20SISO	5500	Type4	6	15.9	207.0	14	1
11AX20SISO	5500	Type4	7	14.3	443.0	13	1
11AX20SISO	5500	Type4	8	15.8	439.0	14	0
11AX20SISO	5500	Type4	9	11.5	223.0	12	1
11AX20SISO	5500	Type4	10	17.4	208.0	15	1
11AX20SISO	5500	Type4	11	19.0	463.0	16	0
11AX20SISO	5500	Type4	12	16.0	441.0	14	0
11AX20SISO	5500	Type4	13	13.8	323.0	13	1
11AX20SISO	5500	Type4	14	18.9	297.0	16	1
11AX20SISO	5500	Type4	15	15.5	412.0	14	1
11AX20SISO	5500	Type4	16	19.9	324.0	16	1
11AX20SISO	5500	Type4	17	14.1	271.0	13	1
11AX20SISO	5500	Type4	18	15.2	349.0	14	0
11AX20SISO	5500	Type4	19	13.8	409.0	13	1
11AX20SISO	5500	Type4	20	17.1	373.0	15	0
11AX20SISO	5500	Type4	21	13.8	254.0	13	1
11AX20SISO	5500	Type4	22	19.8	274.0	16	1
11AX20SISO	5500	Type4	23	15.3	278.0	14	0
11AX20SISO	5500	Type4	24	14.5	317.0	13	1
11AX20SISO	5500	Type4	25	11.3	260.0	12	1
11AX20SISO	5500	Type4	26	17.3	211.0	15	1
11AX20SISO	5500	Type4	27	19.2	272.0	16	1
11AX20SISO	5500	Type4	28	14.2	264.0	13	1
11AX20SISO	5500	Type4	29	18.2	284.0	15	1
11AX160SISO	5250	Type0	0	1.0	1428.0	18	0
11AX160SISO	5250	Type0	1	1.0	1428.0	18	1
11AX160SISO	5250	Type0	2	1.0	1428.0	18	1
11AX160SISO	5250	Type0	3	1.0	1428.0	18	1
11AX160SISO	5250	Type0	4	1.0	1428.0	18	0
11AX160SISO	5250	Type0	5	1.0	1428.0	18	1
11AX160SISO	5250	Type0	6	1.0	1428.0	18	1
11AX160SISO	5250	Type0	7	1.0	1428.0	18	1
11AX160SISO	5250	Type0	8	1.0	1428.0	18	1
11AX160SISO	5250	Type0	9	1.0	1428.0	18	0
11AX160SISO	5250	Type0	10	1.0	1428.0	18	0
11AX160SISO	5250	Type0	11	1.0	1428.0	18	0
11AX160SISO	5250	Type0	12	1.0	1428.0	18	0
11AX160SISO	5250	Type0	13	1.0	1428.0	18	0
11AX160SISO	5250	Type0	14	1.0	1428.0	18	1
11AX160SISO	5250	Type0	15	1.0	1428.0	18	0
11AX160SISO	5250	Type0	16	1.0	1428.0	18	1
11AX160SISO	5250	Type0	17	1.0	1428.0	18	1
11AX160SISO	5250	Type0	18	1.0	1428.0	18	1
11AX160SISO	5250	Type0	19	1.0	1428.0	18	0
11AX160SISO	5250	Type0	20	1.0	1428.0	18	0
11AX160SISO	5250	Type0	21	1.0	1428.0	18	1
11AX160SISO	5250	Type0	22	1.0	1428.0	18	0
11AX160SISO	5250	Type0	23	1.0	1428.0	18	1
11AX160SISO	5250	Type0	24	1.0	1428.0	18	0
11AX160SISO	5250	Type0	25	1.0	1428.0	18	1
11AX160SISO	5250	Type0	26	1.0	1428.0	18	1
11AX160SISO	5250	Type0	27	1.0	1428.0	18	1

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11AX160SISO	5250	Type0	28	1.0	1428.0	18	0
11AX160SISO	5250	Type0	29	1.0	1428.0	18	0
11AX160SISO	5250	Type1	0	1.0	938.0	57	1
11AX160SISO	5250	Type1	1	1.0	698.0	76	1
11AX160SISO	5250	Type1	2	1.0	618.0	86	1
11AX160SISO	5250	Type1	3	1.0	538.0	99	1
11AX160SISO	5250	Type1	4	1.0	878.0	61	1
11AX160SISO	5250	Type1	5	1.0	3066.0	18	1
11AX160SISO	5250	Type1	6	1.0	638.0	83	1
11AX160SISO	5250	Type1	7	1.0	918.0	58	1
11AX160SISO	5250	Type1	8	1.0	838.0	63	1
11AX160SISO	5250	Type1	9	1.0	858.0	62	1
11AX160SISO	5250	Type1	10	1.0	798.0	67	1
11AX160SISO	5250	Type1	11	1.0	718.0	74	1
11AX160SISO	5250	Type1	12	1.0	578.0	92	1
11AX160SISO	5250	Type1	13	1.0	598.0	89	1
11AX160SISO	5250	Type1	14	1.0	558.0	95	1
11AX160SISO	5250	Type1	15	1.0	2536.0	21	0
11AX160SISO	5250	Type1	16	1.0	966.0	55	1
11AX160SISO	5250	Type1	17	1.0	827.0	64	1
11AX160SISO	5250	Type1	18	1.0	2501.0	22	1
11AX160SISO	5250	Type1	19	1.0	2595.0	21	1
11AX160SISO	5250	Type1	20	1.0	1114.0	48	1
11AX160SISO	5250	Type1	21	1.0	1302.0	41	1
11AX160SISO	5250	Type1	22	1.0	3045.0	18	1
11AX160SISO	5250	Type1	23	1.0	1624.0	33	0
11AX160SISO	5250	Type1	24	1.0	2878.0	19	0
11AX160SISO	5250	Type1	25	1.0	1027.0	52	1
11AX160SISO	5250	Type1	26	1.0	2485.0	22	0
11AX160SISO	5250	Type1	27	1.0	1600.0	33	1
11AX160SISO	5250	Type1	28	1.0	1172.0	46	1
11AX160SISO	5250	Type1	29	1.0	1177.0	45	1
11AX160SISO	5250	Type2	0	3.2	179.0	26	0
11AX160SISO	5250	Type2	1	1.1	207.0	23	1
11AX160SISO	5250	Type2	2	2.1	230.0	24	1
11AX160SISO	5250	Type2	3	4.8	200.0	29	1
11AX160SISO	5250	Type2	4	3.9	214.0	28	1
11AX160SISO	5250	Type2	5	2.9	222.0	26	0
11AX160SISO	5250	Type2	6	3.2	204.0	26	1
11AX160SISO	5250	Type2	7	2.5	192.0	25	1
11AX160SISO	5250	Type2	8	3.1	164.0	26	0
11AX160SISO	5250	Type2	9	1.2	156.0	23	0
11AX160SISO	5250	Type2	10	3.9	210.0	27	1
11AX160SISO	5250	Type2	11	4.6	201.0	29	0
11AX160SISO	5250	Type2	12	3.2	162.0	26	0
11AX160SISO	5250	Type2	13	2.2	197.0	25	1
11AX160SISO	5250	Type2	14	4.5	163.0	29	1
11AX160SISO	5250	Type2	15	3.0	203.0	26	1
11AX160SISO	5250	Type2	16	5.0	168.0	29	0
11AX160SISO	5250	Type2	17	2.4	217.0	25	1
11AX160SISO	5250	Type2	18	2.9	191.0	26	0
11AX160SISO	5250	Type2	19	2.3	166.0	25	1
11AX160SISO	5250	Type2	20	3.7	150.0	27	1
11AX160SISO	5250	Type2	21	2.2	176.0	25	0
11AX160SISO	5250	Type2	22	4.9	195.0	29	1
11AX160SISO	5250	Type2	23	2.9	202.0	26	0
11AX160SISO	5250	Type2	24	2.5	178.0	25	1
11AX160SISO	5250	Type2	25	1.1	206.0	23	1
11AX160SISO	5250	Type2	26	3.8	155.0	27	1
11AX160SISO	5250	Type2	27	4.7	157.0	29	0
11AX160SISO	5250	Type2	28	2.4	224.0	25	1
11AX160SISO	5250	Type2	29	4.2	159.0	28	1
11AX160SISO	5250	Type3	0	8.2	355.0	17	1

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11AX160SISO	5250	Type3	1	6.1	487.0	16	0
11AX160SISO	5250	Type3	2	7.1	344.0	16	1
11AX160SISO	5250	Type3	3	9.8	288.0	18	1
11AX160SISO	5250	Type3	4	8.9	230.0	18	0
11AX160SISO	5250	Type3	5	7.9	432.0	17	0
11AX160SISO	5250	Type3	6	8.2	207.0	17	1
11AX160SISO	5250	Type3	7	7.5	443.0	17	1
11AX160SISO	5250	Type3	8	8.1	439.0	17	1
11AX160SISO	5250	Type3	9	6.2	223.0	16	0
11AX160SISO	5250	Type3	10	8.9	208.0	18	0
11AX160SISO	5250	Type3	11	9.6	463.0	18	1
11AX160SISO	5250	Type3	12	8.2	441.0	17	1
11AX160SISO	5250	Type3	13	7.2	323.0	16	0
11AX160SISO	5250	Type3	14	9.5	297.0	18	0
11AX160SISO	5250	Type3	15	8.0	412.0	17	1
11AX160SISO	5250	Type3	16	10.0	324.0	18	1
11AX160SISO	5250	Type3	17	7.4	271.0	17	1
11AX160SISO	5250	Type3	18	7.9	349.0	17	0
11AX160SISO	5250	Type3	19	7.3	409.0	16	0
11AX160SISO	5250	Type3	20	8.7	373.0	18	0
11AX160SISO	5250	Type3	21	7.2	254.0	16	1
11AX160SISO	5250	Type3	22	9.9	274.0	18	1
11AX160SISO	5250	Type3	23	7.9	278.0	17	0
11AX160SISO	5250	Type3	24	7.5	317.0	17	0
11AX160SISO	5250	Type3	25	6.1	260.0	16	0
11AX160SISO	5250	Type3	26	8.8	211.0	18	1
11AX160SISO	5250	Type3	27	9.7	272.0	18	0
11AX160SISO	5250	Type3	28	7.4	264.0	17	1
11AX160SISO	5250	Type3	29	9.2	284.0	18	1
11AX160SISO	5250	Type4	0	16.0	355.0	14	1
11AX160SISO	5250	Type4	1	11.3	487.0	12	1
11AX160SISO	5250	Type4	2	13.5	344.0	13	1
11AX160SISO	5250	Type4	3	19.4	288.0	16	1
11AX160SISO	5250	Type4	4	17.5	230.0	15	1
11AX160SISO	5250	Type4	5	15.3	432.0	14	0
11AX160SISO	5250	Type4	6	15.9	207.0	14	1
11AX160SISO	5250	Type4	7	14.3	443.0	13	1
11AX160SISO	5250	Type4	8	15.8	439.0	14	1
11AX160SISO	5250	Type4	9	11.5	223.0	12	0
11AX160SISO	5250	Type4	10	17.4	208.0	15	0
11AX160SISO	5250	Type4	11	19.0	463.0	16	0
11AX160SISO	5250	Type4	12	16.0	441.0	14	1
11AX160SISO	5250	Type4	13	13.8	323.0	13	0
11AX160SISO	5250	Type4	14	18.9	297.0	16	0
11AX160SISO	5250	Type4	15	15.5	412.0	14	1
11AX160SISO	5250	Type4	16	19.9	324.0	16	1
11AX160SISO	5250	Type4	17	14.1	271.0	13	1
11AX160SISO	5250	Type4	18	15.2	349.0	14	0
11AX160SISO	5250	Type4	19	13.8	409.0	13	0
11AX160SISO	5250	Type4	20	17.1	373.0	15	1
11AX160SISO	5250	Type4	21	13.8	254.0	13	1
11AX160SISO	5250	Type4	22	19.8	274.0	16	0
11AX160SISO	5250	Type4	23	15.3	278.0	14	0
11AX160SISO	5250	Type4	24	14.5	317.0	13	1
11AX160SISO	5250	Type4	25	11.3	260.0	12	1
11AX160SISO	5250	Type4	26	17.3	211.0	15	0
11AX160SISO	5250	Type4	27	19.2	272.0	16	1
11AX160SISO	5250	Type4	28	14.2	264.0	13	1
11AX160SISO	5250	Type4	29	18.2	284.0	15	1
11AX40SISO	5270	Type0	0	1.0	1428.0	18	1
11AX40SISO	5270	Type0	1	1.0	1428.0	18	1
11AX40SISO	5270	Type0	2	1.0	1428.0	18	1
11AX40SISO	5270	Type0	3	1.0	1428.0	18	1

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11AX40SISO	5270	Type0	4	1.0	1428.0	18	1
11AX40SISO	5270	Type0	5	1.0	1428.0	18	1
11AX40SISO	5270	Type0	6	1.0	1428.0	18	1
11AX40SISO	5270	Type0	7	1.0	1428.0	18	1
11AX40SISO	5270	Type0	8	1.0	1428.0	18	1
11AX40SISO	5270	Type0	9	1.0	1428.0	18	1
11AX40SISO	5270	Type0	10	1.0	1428.0	18	1
11AX40SISO	5270	Type0	11	1.0	1428.0	18	1
11AX40SISO	5270	Type0	12	1.0	1428.0	18	1
11AX40SISO	5270	Type0	13	1.0	1428.0	18	1
11AX40SISO	5270	Type0	14	1.0	1428.0	18	1
11AX40SISO	5270	Type0	15	1.0	1428.0	18	1
11AX40SISO	5270	Type0	16	1.0	1428.0	18	1
11AX40SISO	5270	Type0	17	1.0	1428.0	18	1
11AX40SISO	5270	Type0	18	1.0	1428.0	18	1
11AX40SISO	5270	Type0	19	1.0	1428.0	18	1
11AX40SISO	5270	Type0	20	1.0	1428.0	18	1
11AX40SISO	5270	Type0	21	1.0	1428.0	18	1
11AX40SISO	5270	Type0	22	1.0	1428.0	18	1
11AX40SISO	5270	Type0	23	1.0	1428.0	18	1
11AX40SISO	5270	Type0	24	1.0	1428.0	18	1
11AX40SISO	5270	Type0	25	1.0	1428.0	18	1
11AX40SISO	5270	Type0	26	1.0	1428.0	18	1
11AX40SISO	5270	Type0	27	1.0	1428.0	18	1
11AX40SISO	5270	Type0	29	1.0	1428.0	18	1
11AX40SISO	5270	Type0	28	1.0	1428.0	18	1
11AX40SISO	5270	Type1	1	1.0	698.0	76	1
11AX40SISO	5270	Type1	2	1.0	618.0	86	1
11AX40SISO	5270	Type1	3	1.0	538.0	99	1
11AX40SISO	5270	Type1	4	1.0	878.0	61	1
11AX40SISO	5270	Type1	5	1.0	3066.0	18	1
11AX40SISO	5270	Type1	6	1.0	638.0	83	1
11AX40SISO	5270	Type1	7	1.0	918.0	58	1
11AX40SISO	5270	Type1	8	1.0	838.0	63	1
11AX40SISO	5270	Type1	9	1.0	858.0	62	1
11AX40SISO	5270	Type1	10	1.0	798.0	67	1
11AX40SISO	5270	Type1	11	1.0	718.0	74	1
11AX40SISO	5270	Type1	12	1.0	578.0	92	1
11AX40SISO	5270	Type1	13	1.0	598.0	89	1
11AX40SISO	5270	Type1	14	1.0	558.0	95	1
11AX40SISO	5270	Type1	15	1.0	2536.0	21	1
11AX40SISO	5270	Type1	16	1.0	966.0	55	1
11AX40SISO	5270	Type1	17	1.0	827.0	64	1
11AX40SISO	5270	Type1	18	1.0	2501.0	22	1
11AX40SISO	5270	Type1	19	1.0	2595.0	21	1
11AX40SISO	5270	Type1	20	1.0	1114.0	48	1
11AX40SISO	5270	Type1	21	1.0	1302.0	41	1
11AX40SISO	5270	Type1	22	1.0	3045.0	18	1
11AX40SISO	5270	Type1	23	1.0	1624.0	33	1
11AX40SISO	5270	Type1	24	1.0	2878.0	19	1
11AX40SISO	5270	Type1	25	1.0	1027.0	52	1
11AX40SISO	5270	Type1	26	1.0	2485.0	22	1
11AX40SISO	5270	Type1	27	1.0	1600.0	33	1
11AX40SISO	5270	Type1	28	1.0	1172.0	46	1
11AX40SISO	5270	Type1	29	1.0	1177.0	45	1
11AX40SISO	5270	Type1	0	1.0	938.0	57	1
11AX40SISO	5270	Type2	0	3.2	179.0	26	1
11AX40SISO	5270	Type2	1	1.1	207.0	23	1
11AX40SISO	5270	Type2	3	4.8	200.0	29	1
11AX40SISO	5270	Type2	4	3.9	214.0	28	1
11AX40SISO	5270	Type2	5	2.9	222.0	26	1
11AX40SISO	5270	Type2	6	3.2	204.0	26	1
11AX40SISO	5270	Type2	7	2.5	192.0	25	1

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11AX40SISO	5270	Type2	8	3.1	164.0	26	0
11AX40SISO	5270	Type2	9	1.2	156.0	23	1
11AX40SISO	5270	Type2	10	3.9	210.0	27	0
11AX40SISO	5270	Type2	11	4.6	201.0	29	1
11AX40SISO	5270	Type2	12	3.2	162.0	26	0
11AX40SISO	5270	Type2	13	2.2	197.0	25	1
11AX40SISO	5270	Type2	14	4.5	163.0	29	1
11AX40SISO	5270	Type2	15	3.0	203.0	26	1
11AX40SISO	5270	Type2	16	5.0	168.0	29	1
11AX40SISO	5270	Type2	17	2.4	217.0	25	1
11AX40SISO	5270	Type2	18	2.9	191.0	26	1
11AX40SISO	5270	Type2	19	2.3	166.0	25	1
11AX40SISO	5270	Type2	20	3.7	150.0	27	1
11AX40SISO	5270	Type2	21	2.2	176.0	25	1
11AX40SISO	5270	Type2	22	4.9	195.0	29	1
11AX40SISO	5270	Type2	23	2.9	202.0	26	1
11AX40SISO	5270	Type2	24	2.5	178.0	25	1
11AX40SISO	5270	Type2	25	1.1	206.0	23	1
11AX40SISO	5270	Type2	26	3.8	155.0	27	0
11AX40SISO	5270	Type2	27	4.7	157.0	29	1
11AX40SISO	5270	Type2	28	2.4	224.0	25	1
11AX40SISO	5270	Type2	29	4.2	159.0	28	1
11AX40SISO	5270	Type2	2	2.1	230.0	24	1
11AX40SISO	5270	Type3	0	8.2	355.0	17	1
11AX40SISO	5270	Type3	1	6.1	487.0	16	1
11AX40SISO	5270	Type3	2	7.1	344.0	16	1
11AX40SISO	5270	Type3	3	9.8	288.0	18	1
11AX40SISO	5270	Type3	4	8.9	230.0	18	1
11AX40SISO	5270	Type3	5	7.9	432.0	17	0
11AX40SISO	5270	Type3	6	8.2	207.0	17	1
11AX40SISO	5270	Type3	7	7.5	443.0	17	0
11AX40SISO	5270	Type3	8	8.1	439.0	17	1
11AX40SISO	5270	Type3	9	6.2	223.0	16	1
11AX40SISO	5270	Type3	10	8.9	208.0	18	1
11AX40SISO	5270	Type3	11	9.6	463.0	18	0
11AX40SISO	5270	Type3	12	8.2	441.0	17	1
11AX40SISO	5270	Type3	13	7.2	323.0	16	1
11AX40SISO	5270	Type3	14	9.5	297.0	18	0
11AX40SISO	5270	Type3	15	8.0	412.0	17	1
11AX40SISO	5270	Type3	16	10.0	324.0	18	1
11AX40SISO	5270	Type3	17	7.4	271.0	17	1
11AX40SISO	5270	Type3	18	7.9	349.0	17	1
11AX40SISO	5270	Type3	19	7.3	409.0	16	1
11AX40SISO	5270	Type3	20	8.7	373.0	18	1
11AX40SISO	5270	Type3	21	7.2	254.0	16	1
11AX40SISO	5270	Type3	22	9.9	274.0	18	0
11AX40SISO	5270	Type3	23	7.9	278.0	17	1
11AX40SISO	5270	Type3	24	7.5	317.0	17	1
11AX40SISO	5270	Type3	25	6.1	260.0	16	0
11AX40SISO	5270	Type3	26	8.8	211.0	18	1
11AX40SISO	5270	Type3	27	9.7	272.0	18	1
11AX40SISO	5270	Type3	28	7.4	264.0	17	1
11AX40SISO	5270	Type3	29	9.2	284.0	18	1
11AX40SISO	5270	Type4	0	16.0	355.0	14	1
11AX40SISO	5270	Type4	1	11.3	487.0	12	0
11AX40SISO	5270	Type4	2	13.5	344.0	13	1
11AX40SISO	5270	Type4	3	19.4	288.0	16	1
11AX40SISO	5270	Type4	4	17.5	230.0	15	1
11AX40SISO	5270	Type4	5	15.3	432.0	14	0
11AX40SISO	5270	Type4	6	15.9	207.0	14	0
11AX40SISO	5270	Type4	7	14.3	443.0	13	1
11AX40SISO	5270	Type4	8	15.8	439.0	14	1
11AX40SISO	5270	Type4	9	11.5	223.0	12	0

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11AX40SISO	5270	Type4	10	17.4	208.0	15	1
11AX40SISO	5270	Type4	12	16.0	441.0	14	1
11AX40SISO	5270	Type4	13	13.8	323.0	13	0
11AX40SISO	5270	Type4	14	18.9	297.0	16	1
11AX40SISO	5270	Type4	15	15.5	412.0	14	1
11AX40SISO	5270	Type4	16	19.9	324.0	16	1
11AX40SISO	5270	Type4	17	14.1	271.0	13	1
11AX40SISO	5270	Type4	18	15.2	349.0	14	1
11AX40SISO	5270	Type4	19	13.8	409.0	13	0
11AX40SISO	5270	Type4	20	17.1	373.0	15	0
11AX40SISO	5270	Type4	21	13.8	254.0	13	1
11AX40SISO	5270	Type4	22	19.8	274.0	16	1
11AX40SISO	5270	Type4	23	15.3	278.0	14	0
11AX40SISO	5270	Type4	24	14.5	317.0	13	1
11AX40SISO	5270	Type4	25	11.3	260.0	12	1
11AX40SISO	5270	Type4	26	17.3	211.0	15	1
11AX40SISO	5270	Type4	27	19.2	272.0	16	0
11AX40SISO	5270	Type4	28	14.2	264.0	13	1
11AX40SISO	5270	Type4	29	18.2	284.0	15	1
11AX40SISO	5270	Type4	11	19.0	463.0	16	1
11AX40SISO	5510	Type0	0	1.0	1428.0	18	1
11AX40SISO	5510	Type0	1	1.0	1428.0	18	1
11AX40SISO	5510	Type0	2	1.0	1428.0	18	1
11AX40SISO	5510	Type0	4	1.0	1428.0	18	1
11AX40SISO	5510	Type0	5	1.0	1428.0	18	1
11AX40SISO	5510	Type0	6	1.0	1428.0	18	1
11AX40SISO	5510	Type0	7	1.0	1428.0	18	0
11AX40SISO	5510	Type0	8	1.0	1428.0	18	1
11AX40SISO	5510	Type0	9	1.0	1428.0	18	1
11AX40SISO	5510	Type0	10	1.0	1428.0	18	0
11AX40SISO	5510	Type0	11	1.0	1428.0	18	1
11AX40SISO	5510	Type0	12	1.0	1428.0	18	1
11AX40SISO	5510	Type0	13	1.0	1428.0	18	1
11AX40SISO	5510	Type0	14	1.0	1428.0	18	1
11AX40SISO	5510	Type0	15	1.0	1428.0	18	1
11AX40SISO	5510	Type0	16	1.0	1428.0	18	1
11AX40SISO	5510	Type0	17	1.0	1428.0	18	1
11AX40SISO	5510	Type0	19	1.0	1428.0	18	0
11AX40SISO	5510	Type0	20	1.0	1428.0	18	1
11AX40SISO	5510	Type0	21	1.0	1428.0	18	1
11AX40SISO	5510	Type0	22	1.0	1428.0	18	1
11AX40SISO	5510	Type0	23	1.0	1428.0	18	1
11AX40SISO	5510	Type0	24	1.0	1428.0	18	1
11AX40SISO	5510	Type0	25	1.0	1428.0	18	1
11AX40SISO	5510	Type0	26	1.0	1428.0	18	1
11AX40SISO	5510	Type0	27	1.0	1428.0	18	1
11AX40SISO	5510	Type0	28	1.0	1428.0	18	1
11AX40SISO	5510	Type0	29	1.0	1428.0	18	1
11AX40SISO	5510	Type0	3	1.0	1428.0	18	1
11AX40SISO	5510	Type0	18	1.0	1428.0	18	1
11AX40SISO	5510	Type1	0	1.0	938.0	57	0
11AX40SISO	5510	Type1	1	1.0	698.0	76	1
11AX40SISO	5510	Type1	2	1.0	618.0	86	1
11AX40SISO	5510	Type1	3	1.0	538.0	99	1
11AX40SISO	5510	Type1	4	1.0	878.0	61	1
11AX40SISO	5510	Type1	5	1.0	3066.0	18	1
11AX40SISO	5510	Type1	6	1.0	638.0	83	1
11AX40SISO	5510	Type1	7	1.0	918.0	58	0
11AX40SISO	5510	Type1	8	1.0	838.0	63	1
11AX40SISO	5510	Type1	9	1.0	858.0	62	1
11AX40SISO	5510	Type1	10	1.0	798.0	67	1
11AX40SISO	5510	Type1	11	1.0	718.0	74	1
11AX40SISO	5510	Type1	12	1.0	578.0	92	1

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11AX40SISO	5510	Type1	13	1.0	598.0	89	1
11AX40SISO	5510	Type1	14	1.0	558.0	95	1
11AX40SISO	5510	Type1	15	1.0	2536.0	21	1
11AX40SISO	5510	Type1	16	1.0	966.0	55	1
11AX40SISO	5510	Type1	17	1.0	827.0	64	1
11AX40SISO	5510	Type1	18	1.0	2501.0	22	1
11AX40SISO	5510	Type1	19	1.0	2595.0	21	1
11AX40SISO	5510	Type1	20	1.0	1114.0	48	1
11AX40SISO	5510	Type1	21	1.0	1302.0	41	1
11AX40SISO	5510	Type1	22	1.0	3045.0	18	0
11AX40SISO	5510	Type1	23	1.0	1624.0	33	1
11AX40SISO	5510	Type1	24	1.0	2878.0	19	1
11AX40SISO	5510	Type1	25	1.0	1027.0	52	1
11AX40SISO	5510	Type1	26	1.0	2485.0	22	1
11AX40SISO	5510	Type1	27	1.0	1600.0	33	1
11AX40SISO	5510	Type1	28	1.0	1172.0	46	1
11AX40SISO	5510	Type1	29	1.0	1177.0	45	1
11AX40SISO	5510	Type2	16	5.0	168.0	29	0
11AX40SISO	5510	Type2	17	2.4	217.0	25	1
11AX40SISO	5510	Type2	18	2.9	191.0	26	1
11AX40SISO	5510	Type2	19	2.3	166.0	25	1
11AX40SISO	5510	Type2	20	3.7	150.0	27	1
11AX40SISO	5510	Type2	21	2.2	176.0	25	1
11AX40SISO	5510	Type2	22	4.9	195.0	29	1
11AX40SISO	5510	Type2	23	2.9	202.0	26	1
11AX40SISO	5510	Type2	24	2.5	178.0	25	0
11AX40SISO	5510	Type2	25	1.1	206.0	23	1
11AX40SISO	5510	Type2	26	3.8	155.0	27	1
11AX40SISO	5510	Type2	27	4.7	157.0	29	1
11AX40SISO	5510	Type2	28	2.4	224.0	25	1
11AX40SISO	5510	Type2	29	4.2	159.0	28	0
11AX40SISO	5510	Type2	0	3.2	179.0	26	0
11AX40SISO	5510	Type2	1	1.1	207.0	23	0
11AX40SISO	5510	Type2	2	2.1	230.0	24	1
11AX40SISO	5510	Type2	3	4.8	200.0	29	1
11AX40SISO	5510	Type2	4	3.9	214.0	28	1
11AX40SISO	5510	Type2	5	2.9	222.0	26	1
11AX40SISO	5510	Type2	6	3.2	204.0	26	0
11AX40SISO	5510	Type2	7	2.5	192.0	25	1
11AX40SISO	5510	Type2	8	3.1	164.0	26	0
11AX40SISO	5510	Type2	9	1.2	156.0	23	0
11AX40SISO	5510	Type2	10	3.9	210.0	27	1
11AX40SISO	5510	Type2	11	4.6	201.0	29	1
11AX40SISO	5510	Type2	12	3.2	162.0	26	1
11AX40SISO	5510	Type2	13	2.2	197.0	25	1
11AX40SISO	5510	Type2	14	4.5	163.0	29	0
11AX40SISO	5510	Type2	15	3.0	203.0	26	1
11AX40SISO	5510	Type3	0	8.2	355.0	17	1
11AX40SISO	5510	Type3	1	6.1	487.0	16	0
11AX40SISO	5510	Type3	2	7.1	344.0	16	1
11AX40SISO	5510	Type3	3	9.8	288.0	18	1
11AX40SISO	5510	Type3	4	8.9	230.0	18	0
11AX40SISO	5510	Type3	5	7.9	432.0	17	0
11AX40SISO	5510	Type3	6	8.2	207.0	17	0
11AX40SISO	5510	Type3	7	7.5	443.0	17	1
11AX40SISO	5510	Type3	8	8.1	439.0	17	1
11AX40SISO	5510	Type3	9	6.2	223.0	16	0
11AX40SISO	5510	Type3	10	8.9	208.0	18	1
11AX40SISO	5510	Type3	11	9.6	463.0	18	1
11AX40SISO	5510	Type3	12	8.2	441.0	17	0
11AX40SISO	5510	Type3	13	7.2	323.0	16	0
11AX40SISO	5510	Type3	14	9.5	297.0	18	0
11AX40SISO	5510	Type3	15	8.0	412.0	17	0

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11AX40SISO	5510	Type3	16	10.0	324.0	18	0
11AX40SISO	5510	Type3	17	7.4	271.0	17	1
11AX40SISO	5510	Type3	18	7.9	349.0	17	1
11AX40SISO	5510	Type3	19	7.3	409.0	16	0
11AX40SISO	5510	Type3	20	8.7	373.0	18	1
11AX40SISO	5510	Type3	21	7.2	254.0	16	1
11AX40SISO	5510	Type3	22	9.9	274.0	18	1
11AX40SISO	5510	Type3	23	7.9	278.0	17	1
11AX40SISO	5510	Type3	24	7.5	317.0	17	1
11AX40SISO	5510	Type3	25	6.1	260.0	16	1
11AX40SISO	5510	Type3	26	8.8	211.0	18	1
11AX40SISO	5510	Type3	27	9.7	272.0	18	1
11AX40SISO	5510	Type3	28	7.4	264.0	17	1
11AX40SISO	5510	Type3	29	9.2	284.0	18	0
11AX40SISO	5510	Type4	0	16.0	355.0	14	0
11AX40SISO	5510	Type4	1	11.3	487.0	12	1
11AX40SISO	5510	Type4	2	13.5	344.0	13	0
11AX40SISO	5510	Type4	3	19.4	288.0	16	0
11AX40SISO	5510	Type4	4	17.5	230.0	15	0
11AX40SISO	5510	Type4	5	15.3	432.0	14	0
11AX40SISO	5510	Type4	6	15.9	207.0	14	1
11AX40SISO	5510	Type4	7	14.3	443.0	13	1
11AX40SISO	5510	Type4	8	15.8	439.0	14	1
11AX40SISO	5510	Type4	9	11.5	223.0	12	1
11AX40SISO	5510	Type4	10	17.4	208.0	15	1
11AX40SISO	5510	Type4	11	19.0	463.0	16	1
11AX40SISO	5510	Type4	12	16.0	441.0	14	1
11AX40SISO	5510	Type4	13	13.8	323.0	13	1
11AX40SISO	5510	Type4	14	18.9	297.0	16	1
11AX40SISO	5510	Type4	15	15.5	412.0	14	1
11AX40SISO	5510	Type4	16	19.9	324.0	16	0
11AX40SISO	5510	Type4	17	14.1	271.0	13	1
11AX40SISO	5510	Type4	18	15.2	349.0	14	1
11AX40SISO	5510	Type4	19	13.8	409.0	13	0
11AX40SISO	5510	Type4	20	17.1	373.0	15	1
11AX40SISO	5510	Type4	21	13.8	254.0	13	1
11AX40SISO	5510	Type4	22	19.8	274.0	16	1
11AX40SISO	5510	Type4	23	15.3	278.0	14	0
11AX40SISO	5510	Type4	24	14.5	317.0	13	0
11AX40SISO	5510	Type4	25	11.3	260.0	12	1
11AX40SISO	5510	Type4	26	17.3	211.0	15	0
11AX40SISO	5510	Type4	27	19.2	272.0	16	1
11AX40SISO	5510	Type4	28	14.2	264.0	13	0
11AX40SISO	5510	Type4	29	18.2	284.0	15	1
11AX80SISO	5290	Type0	0	1.0	1428.0	18	1
11AX80SISO	5290	Type0	1	1.0	1428.0	18	1
11AX80SISO	5290	Type0	2	1.0	1428.0	18	1
11AX80SISO	5290	Type0	3	1.0	1428.0	18	1
11AX80SISO	5290	Type0	4	1.0	1428.0	18	1
11AX80SISO	5290	Type0	5	1.0	1428.0	18	1
11AX80SISO	5290	Type0	6	1.0	1428.0	18	1
11AX80SISO	5290	Type0	7	1.0	1428.0	18	0
11AX80SISO	5290	Type0	8	1.0	1428.0	18	1
11AX80SISO	5290	Type0	9	1.0	1428.0	18	1
11AX80SISO	5290	Type0	10	1.0	1428.0	18	1
11AX80SISO	5290	Type0	11	1.0	1428.0	18	1
11AX80SISO	5290	Type0	12	1.0	1428.0	18	0
11AX80SISO	5290	Type0	13	1.0	1428.0	18	1
11AX80SISO	5290	Type0	14	1.0	1428.0	18	1
11AX80SISO	5290	Type0	15	1.0	1428.0	18	1
11AX80SISO	5290	Type0	16	1.0	1428.0	18	1
11AX80SISO	5290	Type0	17	1.0	1428.0	18	1
11AX80SISO	5290	Type0	18	1.0	1428.0	18	1

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11AX80SISO	5290	Type0	19	1.0	1428.0	18	1
11AX80SISO	5290	Type0	20	1.0	1428.0	18	1
11AX80SISO	5290	Type0	21	1.0	1428.0	18	1
11AX80SISO	5290	Type0	22	1.0	1428.0	18	0
11AX80SISO	5290	Type0	23	1.0	1428.0	18	0
11AX80SISO	5290	Type0	24	1.0	1428.0	18	1
11AX80SISO	5290	Type0	25	1.0	1428.0	18	1
11AX80SISO	5290	Type0	26	1.0	1428.0	18	1
11AX80SISO	5290	Type0	27	1.0	1428.0	18	0
11AX80SISO	5290	Type0	28	1.0	1428.0	18	0
11AX80SISO	5290	Type0	29	1.0	1428.0	18	1
11AX80SISO	5290	Type1	0	1.0	938.0	57	1
11AX80SISO	5290	Type1	1	1.0	698.0	76	0
11AX80SISO	5290	Type1	2	1.0	618.0	86	1
11AX80SISO	5290	Type1	3	1.0	538.0	99	1
11AX80SISO	5290	Type1	4	1.0	878.0	61	1
11AX80SISO	5290	Type1	5	1.0	3066.0	18	1
11AX80SISO	5290	Type1	6	1.0	638.0	83	0
11AX80SISO	5290	Type1	7	1.0	918.0	58	1
11AX80SISO	5290	Type1	8	1.0	838.0	63	1
11AX80SISO	5290	Type1	9	1.0	858.0	62	1
11AX80SISO	5290	Type1	10	1.0	798.0	67	1
11AX80SISO	5290	Type1	11	1.0	718.0	74	1
11AX80SISO	5290	Type1	12	1.0	578.0	92	0
11AX80SISO	5290	Type1	13	1.0	598.0	89	0
11AX80SISO	5290	Type1	14	1.0	558.0	95	0
11AX80SISO	5290	Type1	15	1.0	2536.0	21	1
11AX80SISO	5290	Type1	16	1.0	966.0	55	1
11AX80SISO	5290	Type1	17	1.0	827.0	64	1
11AX80SISO	5290	Type1	18	1.0	2501.0	22	1
11AX80SISO	5290	Type1	19	1.0	2595.0	21	1
11AX80SISO	5290	Type1	20	1.0	1114.0	48	1
11AX80SISO	5290	Type1	21	1.0	1302.0	41	1
11AX80SISO	5290	Type1	22	1.0	3045.0	18	1
11AX80SISO	5290	Type1	23	1.0	1624.0	33	1
11AX80SISO	5290	Type1	24	1.0	2878.0	19	1
11AX80SISO	5290	Type1	25	1.0	1027.0	52	1
11AX80SISO	5290	Type1	26	1.0	2485.0	22	1
11AX80SISO	5290	Type1	27	1.0	1600.0	33	1
11AX80SISO	5290	Type1	28	1.0	1172.0	46	1
11AX80SISO	5290	Type1	29	1.0	1177.0	45	1
11AX80SISO	5290	Type2	0	3.2	179.0	26	1
11AX80SISO	5290	Type2	1	1.1	207.0	23	1
11AX80SISO	5290	Type2	2	2.1	230.0	24	1
11AX80SISO	5290	Type2	3	4.8	200.0	29	1
11AX80SISO	5290	Type2	4	3.9	214.0	28	1
11AX80SISO	5290	Type2	5	2.9	222.0	26	1
11AX80SISO	5290	Type2	6	3.2	204.0	26	1
11AX80SISO	5290	Type2	7	2.5	192.0	25	1
11AX80SISO	5290	Type2	8	3.1	164.0	26	1
11AX80SISO	5290	Type2	9	1.2	156.0	23	0
11AX80SISO	5290	Type2	10	3.9	210.0	27	1
11AX80SISO	5290	Type2	11	4.6	201.0	29	1
11AX80SISO	5290	Type2	12	3.2	162.0	26	0
11AX80SISO	5290	Type2	13	2.2	197.0	25	1
11AX80SISO	5290	Type2	14	4.5	163.0	29	1
11AX80SISO	5290	Type2	15	3.0	203.0	26	1
11AX80SISO	5290	Type2	16	5.0	168.0	29	0
11AX80SISO	5290	Type2	17	2.4	217.0	25	1
11AX80SISO	5290	Type2	18	2.9	191.0	26	1
11AX80SISO	5290	Type2	19	2.3	166.0	25	1
11AX80SISO	5290	Type2	20	3.7	150.0	27	0
11AX80SISO	5290	Type2	21	2.2	176.0	25	0

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11AX80SISO	5290	Type2	22	4.9	195.0	29	1
11AX80SISO	5290	Type2	23	2.9	202.0	26	1
11AX80SISO	5290	Type2	24	2.5	178.0	25	1
11AX80SISO	5290	Type2	25	1.1	206.0	23	1
11AX80SISO	5290	Type2	26	3.8	155.0	27	0
11AX80SISO	5290	Type2	27	4.7	157.0	29	1
11AX80SISO	5290	Type2	28	2.4	224.0	25	1
11AX80SISO	5290	Type2	29	4.2	159.0	28	1
11AX80SISO	5290	Type3	0	8.2	355.0	17	0
11AX80SISO	5290	Type3	1	6.1	487.0	16	0
11AX80SISO	5290	Type3	2	7.1	344.0	16	1
11AX80SISO	5290	Type3	3	9.8	288.0	18	0
11AX80SISO	5290	Type3	4	8.9	230.0	18	1
11AX80SISO	5290	Type3	5	7.9	432.0	17	0
11AX80SISO	5290	Type3	6	8.2	207.0	17	0
11AX80SISO	5290	Type3	7	7.5	443.0	17	1
11AX80SISO	5290	Type3	8	8.1	439.0	17	1
11AX80SISO	5290	Type3	9	6.2	223.0	16	0
11AX80SISO	5290	Type3	10	8.9	208.0	18	0
11AX80SISO	5290	Type3	11	9.6	463.0	18	1
11AX80SISO	5290	Type3	12	8.2	441.0	17	0
11AX80SISO	5290	Type3	13	7.2	323.0	16	1
11AX80SISO	5290	Type3	14	9.5	297.0	18	1
11AX80SISO	5290	Type3	15	8.0	412.0	17	0
11AX80SISO	5290	Type3	16	10.0	324.0	18	0
11AX80SISO	5290	Type3	17	7.4	271.0	17	1
11AX80SISO	5290	Type3	18	7.9	349.0	17	0
11AX80SISO	5290	Type3	19	7.3	409.0	16	1
11AX80SISO	5290	Type3	20	8.7	373.0	18	1
11AX80SISO	5290	Type3	21	7.2	254.0	16	0
11AX80SISO	5290	Type3	22	9.9	274.0	18	1
11AX80SISO	5290	Type3	23	7.9	278.0	17	1
11AX80SISO	5290	Type3	24	7.5	317.0	17	0
11AX80SISO	5290	Type3	25	6.1	260.0	16	1
11AX80SISO	5290	Type3	26	8.8	211.0	18	1
11AX80SISO	5290	Type3	27	9.7	272.0	18	1
11AX80SISO	5290	Type3	28	7.4	264.0	17	1
11AX80SISO	5290	Type3	29	9.2	284.0	18	0
11AX80SISO	5290	Type4	0	16.0	355.0	14	1
11AX80SISO	5290	Type4	1	11.3	487.0	12	1
11AX80SISO	5290	Type4	2	13.5	344.0	13	1
11AX80SISO	5290	Type4	3	19.4	288.0	16	0
11AX80SISO	5290	Type4	4	17.5	230.0	15	1
11AX80SISO	5290	Type4	5	15.3	432.0	14	1
11AX80SISO	5290	Type4	6	15.9	207.0	14	1
11AX80SISO	5290	Type4	7	14.3	443.0	13	0
11AX80SISO	5290	Type4	8	15.8	439.0	14	0
11AX80SISO	5290	Type4	9	11.5	223.0	12	1
11AX80SISO	5290	Type4	10	17.4	208.0	15	0
11AX80SISO	5290	Type4	11	19.0	463.0	16	1
11AX80SISO	5290	Type4	12	16.0	441.0	14	0
11AX80SISO	5290	Type4	13	13.8	323.0	13	0
11AX80SISO	5290	Type4	14	18.9	297.0	16	0
11AX80SISO	5290	Type4	15	15.5	412.0	14	1
11AX80SISO	5290	Type4	16	19.9	324.0	16	0
11AX80SISO	5290	Type4	17	14.1	271.0	13	1
11AX80SISO	5290	Type4	18	15.2	349.0	14	0
11AX80SISO	5290	Type4	19	13.8	409.0	13	1
11AX80SISO	5290	Type4	20	17.1	373.0	15	1
11AX80SISO	5290	Type4	21	13.8	254.0	13	0
11AX80SISO	5290	Type4	22	19.8	274.0	16	1
11AX80SISO	5290	Type4	23	15.3	278.0	14	1
11AX80SISO	5290	Type4	24	14.5	317.0	13	0

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11AX80SISO	5290	Type4	25	11.3	260.0	12	0
11AX80SISO	5290	Type4	26	17.3	211.0	15	1
11AX80SISO	5290	Type4	27	19.2	272.0	16	1
11AX80SISO	5290	Type4	28	14.2	264.0	13	1
11AX80SISO	5290	Type4	29	18.2	284.0	15	0
11AX80SISO	5530	Type0	0	1.0	1428.0	18	1
11AX80SISO	5530	Type0	1	1.0	1428.0	18	1
11AX80SISO	5530	Type0	2	1.0	1428.0	18	1
11AX80SISO	5530	Type0	3	1.0	1428.0	18	1
11AX80SISO	5530	Type0	4	1.0	1428.0	18	1
11AX80SISO	5530	Type0	5	1.0	1428.0	18	1
11AX80SISO	5530	Type0	6	1.0	1428.0	18	1
11AX80SISO	5530	Type0	7	1.0	1428.0	18	1
11AX80SISO	5530	Type0	8	1.0	1428.0	18	1
11AX80SISO	5530	Type0	9	1.0	1428.0	18	0
11AX80SISO	5530	Type0	10	1.0	1428.0	18	1
11AX80SISO	5530	Type0	11	1.0	1428.0	18	1
11AX80SISO	5530	Type0	12	1.0	1428.0	18	1
11AX80SISO	5530	Type0	13	1.0	1428.0	18	1
11AX80SISO	5530	Type0	14	1.0	1428.0	18	0
11AX80SISO	5530	Type0	15	1.0	1428.0	18	1
11AX80SISO	5530	Type0	16	1.0	1428.0	18	1
11AX80SISO	5530	Type0	17	1.0	1428.0	18	1
11AX80SISO	5530	Type0	18	1.0	1428.0	18	1
11AX80SISO	5530	Type0	19	1.0	1428.0	18	1
11AX80SISO	5530	Type0	20	1.0	1428.0	18	1
11AX80SISO	5530	Type0	21	1.0	1428.0	18	1
11AX80SISO	5530	Type0	22	1.0	1428.0	18	0
11AX80SISO	5530	Type0	23	1.0	1428.0	18	1
11AX80SISO	5530	Type0	24	1.0	1428.0	18	0
11AX80SISO	5530	Type0	25	1.0	1428.0	18	1
11AX80SISO	5530	Type0	26	1.0	1428.0	18	1
11AX80SISO	5530	Type0	27	1.0	1428.0	18	1
11AX80SISO	5530	Type0	28	1.0	1428.0	18	1
11AX80SISO	5530	Type0	29	1.0	1428.0	18	1
11AX80SISO	5530	Type1	0	1.0	938.0	57	1
11AX80SISO	5530	Type1	1	1.0	698.0	76	1
11AX80SISO	5530	Type1	2	1.0	618.0	86	1
11AX80SISO	5530	Type1	3	1.0	538.0	99	1
11AX80SISO	5530	Type1	4	1.0	878.0	61	1
11AX80SISO	5530	Type1	5	1.0	3066.0	18	1
11AX80SISO	5530	Type1	6	1.0	638.0	83	0
11AX80SISO	5530	Type1	7	1.0	918.0	58	1
11AX80SISO	5530	Type1	8	1.0	838.0	63	0
11AX80SISO	5530	Type1	9	1.0	858.0	62	1
11AX80SISO	5530	Type1	10	1.0	798.0	67	1
11AX80SISO	5530	Type1	11	1.0	718.0	74	1
11AX80SISO	5530	Type1	12	1.0	578.0	92	1
11AX80SISO	5530	Type1	13	1.0	598.0	89	1
11AX80SISO	5530	Type1	14	1.0	558.0	95	1
11AX80SISO	5530	Type1	15	1.0	2536.0	21	1
11AX80SISO	5530	Type1	16	1.0	966.0	55	1
11AX80SISO	5530	Type1	17	1.0	827.0	64	1
11AX80SISO	5530	Type1	18	1.0	2501.0	22	1
11AX80SISO	5530	Type1	19	1.0	2595.0	21	1
11AX80SISO	5530	Type1	20	1.0	1114.0	48	1
11AX80SISO	5530	Type1	21	1.0	1302.0	41	1
11AX80SISO	5530	Type1	22	1.0	3045.0	18	0
11AX80SISO	5530	Type1	23	1.0	1624.0	33	1
11AX80SISO	5530	Type1	24	1.0	2878.0	19	0
11AX80SISO	5530	Type1	25	1.0	1027.0	52	1
11AX80SISO	5530	Type1	26	1.0	2485.0	22	0
11AX80SISO	5530	Type1	27	1.0	1600.0	33	1

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11AX80SISO	5530	Type1	28	1.0	1172.0	46	1
11AX80SISO	5530	Type1	29	1.0	1177.0	45	1
11AX80SISO	5530	Type2	0	3.2	179.0	26	0
11AX80SISO	5530	Type2	1	1.1	207.0	23	0
11AX80SISO	5530	Type2	2	2.1	230.0	24	1
11AX80SISO	5530	Type2	3	4.8	200.0	29	1
11AX80SISO	5530	Type2	4	3.9	214.0	28	1
11AX80SISO	5530	Type2	5	2.9	222.0	26	1
11AX80SISO	5530	Type2	6	3.2	204.0	26	1
11AX80SISO	5530	Type2	7	2.5	192.0	25	1
11AX80SISO	5530	Type2	8	3.1	164.0	26	0
11AX80SISO	5530	Type2	9	1.2	156.0	23	0
11AX80SISO	5530	Type2	10	3.9	210.0	27	0
11AX80SISO	5530	Type2	11	4.6	201.0	29	1
11AX80SISO	5530	Type2	12	3.2	162.0	26	1
11AX80SISO	5530	Type2	13	2.2	197.0	25	1
11AX80SISO	5530	Type2	14	4.5	163.0	29	1
11AX80SISO	5530	Type2	15	3.0	203.0	26	1
11AX80SISO	5530	Type2	16	5.0	168.0	29	1
11AX80SISO	5530	Type2	17	2.4	217.0	25	1
11AX80SISO	5530	Type2	18	2.9	191.0	26	1
11AX80SISO	5530	Type2	19	2.3	166.0	25	1
11AX80SISO	5530	Type2	20	3.7	150.0	27	0
11AX80SISO	5530	Type2	21	2.2	176.0	25	0
11AX80SISO	5530	Type2	22	4.9	195.0	29	0
11AX80SISO	5530	Type2	23	2.9	202.0	26	1
11AX80SISO	5530	Type2	24	2.5	178.0	25	0
11AX80SISO	5530	Type2	25	1.1	206.0	23	1
11AX80SISO	5530	Type2	26	3.8	155.0	27	1
11AX80SISO	5530	Type2	27	4.7	157.0	29	0
11AX80SISO	5530	Type2	28	2.4	224.0	25	1
11AX80SISO	5530	Type2	29	4.2	159.0	28	1
11AX80SISO	5530	Type3	0	8.2	355.0	17	1
11AX80SISO	5530	Type3	1	6.1	487.0	16	1
11AX80SISO	5530	Type3	2	7.1	344.0	16	1
11AX80SISO	5530	Type3	3	9.8	288.0	18	1
11AX80SISO	5530	Type3	4	8.9	230.0	18	0
11AX80SISO	5530	Type3	5	7.9	432.0	17	0
11AX80SISO	5530	Type3	6	8.2	207.0	17	1
11AX80SISO	5530	Type3	7	7.5	443.0	17	1
11AX80SISO	5530	Type3	8	8.1	439.0	17	1
11AX80SISO	5530	Type3	9	6.2	223.0	16	1
11AX80SISO	5530	Type3	10	8.9	208.0	18	1
11AX80SISO	5530	Type3	11	9.6	463.0	18	1
11AX80SISO	5530	Type3	12	8.2	441.0	17	1
11AX80SISO	5530	Type3	13	7.2	323.0	16	1
11AX80SISO	5530	Type3	14	9.5	297.0	18	0
11AX80SISO	5530	Type3	15	8.0	412.0	17	0
11AX80SISO	5530	Type3	16	10.0	324.0	18	1
11AX80SISO	5530	Type3	17	7.4	271.0	17	1
11AX80SISO	5530	Type3	18	7.9	349.0	17	1
11AX80SISO	5530	Type3	19	7.3	409.0	16	1
11AX80SISO	5530	Type3	20	8.7	373.0	18	1
11AX80SISO	5530	Type3	21	7.2	254.0	16	1
11AX80SISO	5530	Type3	22	9.9	274.0	18	1
11AX80SISO	5530	Type3	23	7.9	278.0	17	1
11AX80SISO	5530	Type3	24	7.5	317.0	17	1
11AX80SISO	5530	Type3	25	6.1	260.0	16	1
11AX80SISO	5530	Type3	26	8.8	211.0	18	1
11AX80SISO	5530	Type3	27	9.7	272.0	18	1
11AX80SISO	5530	Type3	28	7.4	264.0	17	1
11AX80SISO	5530	Type3	29	9.2	284.0	18	1
11AX80SISO	5530	Type4	0	16.0	355.0	14	1

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11AX80SISO	5530	Type4	1	11.3	487.0	12	1
11AX80SISO	5530	Type4	2	13.5	344.0	13	1
11AX80SISO	5530	Type4	3	19.4	288.0	16	1
11AX80SISO	5530	Type4	4	17.5	230.0	15	1
11AX80SISO	5530	Type4	5	15.3	432.0	14	0
11AX80SISO	5530	Type4	6	15.9	207.0	14	1
11AX80SISO	5530	Type4	7	14.3	443.0	13	1
11AX80SISO	5530	Type4	8	15.8	439.0	14	1
11AX80SISO	5530	Type4	9	11.5	223.0	12	1
11AX80SISO	5530	Type4	10	17.4	208.0	15	0
11AX80SISO	5530	Type4	11	19.0	463.0	16	1
11AX80SISO	5530	Type4	12	16.0	441.0	14	0
11AX80SISO	5530	Type4	13	13.8	323.0	13	1
11AX80SISO	5530	Type4	14	18.9	297.0	16	1
11AX80SISO	5530	Type4	15	15.5	412.0	14	1
11AX80SISO	5530	Type4	16	19.9	324.0	16	1
11AX80SISO	5530	Type4	17	14.1	271.0	13	0
11AX80SISO	5530	Type4	18	15.2	349.0	14	0
11AX80SISO	5530	Type4	19	13.8	409.0	13	1
11AX80SISO	5530	Type4	20	17.1	373.0	15	1
11AX80SISO	5530	Type4	21	13.8	254.0	13	1
11AX80SISO	5530	Type4	22	19.8	274.0	16	1
11AX80SISO	5530	Type4	23	15.3	278.0	14	1
11AX80SISO	5530	Type4	24	14.5	317.0	13	1
11AX80SISO	5530	Type4	25	11.3	260.0	12	1
11AX80SISO	5530	Type4	26	17.3	211.0	15	1
11AX80SISO	5530	Type4	27	19.2	272.0	16	1
11AX80SISO	5530	Type4	28	14.2	264.0	13	1
11AX80SISO	5530	Type4	29	18.2	284.0	15	1
11AX160SISO	5570	Type0	0	1.0	1428.0	18	1
11AX160SISO	5570	Type0	1	1.0	1428.0	18	1
11AX160SISO	5570	Type0	2	1.0	1428.0	18	1
11AX160SISO	5570	Type0	3	1.0	1428.0	18	1
11AX160SISO	5570	Type0	4	1.0	1428.0	18	1
11AX160SISO	5570	Type0	5	1.0	1428.0	18	1
11AX160SISO	5570	Type0	6	1.0	1428.0	18	1
11AX160SISO	5570	Type0	7	1.0	1428.0	18	1
11AX160SISO	5570	Type0	8	1.0	1428.0	18	1
11AX160SISO	5570	Type0	9	1.0	1428.0	18	1
11AX160SISO	5570	Type0	10	1.0	1428.0	18	1
11AX160SISO	5570	Type0	11	1.0	1428.0	18	1
11AX160SISO	5570	Type0	12	1.0	1428.0	18	1
11AX160SISO	5570	Type0	13	1.0	1428.0	18	1
11AX160SISO	5570	Type0	14	1.0	1428.0	18	1
11AX160SISO	5570	Type0	15	1.0	1428.0	18	1
11AX160SISO	5570	Type0	16	1.0	1428.0	18	1
11AX160SISO	5570	Type0	17	1.0	1428.0	18	1
11AX160SISO	5570	Type0	18	1.0	1428.0	18	1
11AX160SISO	5570	Type0	19	1.0	1428.0	18	1
11AX160SISO	5570	Type0	20	1.0	1428.0	18	1
11AX160SISO	5570	Type0	21	1.0	1428.0	18	1
11AX160SISO	5570	Type0	23	1.0	1428.0	18	1
11AX160SISO	5570	Type0	24	1.0	1428.0	18	1
11AX160SISO	5570	Type0	25	1.0	1428.0	18	1
11AX160SISO	5570	Type0	26	1.0	1428.0	18	1
11AX160SISO	5570	Type0	27	1.0	1428.0	18	1
11AX160SISO	5570	Type0	28	1.0	1428.0	18	1
11AX160SISO	5570	Type0	29	1.0	1428.0	18	1
11AX160SISO	5570	Type0	22	1.0	1428.0	18	1
11AX160SISO	5570	Type1	0	1.0	938.0	57	1
11AX160SISO	5570	Type1	1	1.0	698.0	76	1
11AX160SISO	5570	Type1	2	1.0	618.0	86	1
11AX160SISO	5570	Type1	3	1.0	538.0	99	1

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11AX160SISO	5570	Type1	4	1.0	878.0	61	1
11AX160SISO	5570	Type1	5	1.0	3066.0	18	1
11AX160SISO	5570	Type1	6	1.0	638.0	83	1
11AX160SISO	5570	Type1	7	1.0	918.0	58	1
11AX160SISO	5570	Type1	8	1.0	838.0	63	1
11AX160SISO	5570	Type1	9	1.0	858.0	62	1
11AX160SISO	5570	Type1	10	1.0	798.0	67	1
11AX160SISO	5570	Type1	11	1.0	718.0	74	1
11AX160SISO	5570	Type1	12	1.0	578.0	92	1
11AX160SISO	5570	Type1	13	1.0	598.0	89	1
11AX160SISO	5570	Type1	14	1.0	558.0	95	1
11AX160SISO	5570	Type1	15	1.0	2536.0	21	1
11AX160SISO	5570	Type1	16	1.0	966.0	55	1
11AX160SISO	5570	Type1	17	1.0	827.0	64	0
11AX160SISO	5570	Type1	18	1.0	2501.0	22	1
11AX160SISO	5570	Type1	19	1.0	2595.0	21	1
11AX160SISO	5570	Type1	20	1.0	1114.0	48	0
11AX160SISO	5570	Type1	21	1.0	1302.0	41	1
11AX160SISO	5570	Type1	22	1.0	3045.0	18	1
11AX160SISO	5570	Type1	23	1.0	1624.0	33	1
11AX160SISO	5570	Type1	24	1.0	2878.0	19	1
11AX160SISO	5570	Type1	25	1.0	1027.0	52	1
11AX160SISO	5570	Type1	26	1.0	2485.0	22	1
11AX160SISO	5570	Type1	27	1.0	1600.0	33	1
11AX160SISO	5570	Type1	28	1.0	1172.0	46	1
11AX160SISO	5570	Type1	29	1.0	1177.0	45	1
11AX160SISO	5570	Type2	0	3.2	179.0	26	1
11AX160SISO	5570	Type2	1	1.1	207.0	23	1
11AX160SISO	5570	Type2	2	2.1	230.0	24	1
11AX160SISO	5570	Type2	3	4.8	200.0	29	1
11AX160SISO	5570	Type2	4	3.9	214.0	28	1
11AX160SISO	5570	Type2	5	2.9	222.0	26	1
11AX160SISO	5570	Type2	6	3.2	204.0	26	1
11AX160SISO	5570	Type2	7	2.5	192.0	25	1
11AX160SISO	5570	Type2	8	3.1	164.0	26	1
11AX160SISO	5570	Type2	9	1.2	156.0	23	0
11AX160SISO	5570	Type2	10	3.9	210.0	27	1
11AX160SISO	5570	Type2	11	4.6	201.0	29	1
11AX160SISO	5570	Type2	12	3.2	162.0	26	1
11AX160SISO	5570	Type2	13	2.2	197.0	25	1
11AX160SISO	5570	Type2	14	4.5	163.0	29	0
11AX160SISO	5570	Type2	15	3.0	203.0	26	1
11AX160SISO	5570	Type2	17	2.4	217.0	25	1
11AX160SISO	5570	Type2	18	2.9	191.0	26	1
11AX160SISO	5570	Type2	19	2.3	166.0	25	0
11AX160SISO	5570	Type2	20	3.7	150.0	27	1
11AX160SISO	5570	Type2	21	2.2	176.0	25	1
11AX160SISO	5570	Type2	22	4.9	195.0	29	1
11AX160SISO	5570	Type2	23	2.9	202.0	26	1
11AX160SISO	5570	Type2	24	2.5	178.0	25	1
11AX160SISO	5570	Type2	25	1.1	206.0	23	1
11AX160SISO	5570	Type2	26	3.8	155.0	27	1
11AX160SISO	5570	Type2	27	4.7	157.0	29	0
11AX160SISO	5570	Type2	28	2.4	224.0	25	1
11AX160SISO	5570	Type2	29	4.2	159.0	28	1
11AX160SISO	5570	Type2	16	5.0	168.0	29	1
11AX160SISO	5570	Type3	0	8.2	355.0	17	0
11AX160SISO	5570	Type3	1	6.1	487.0	16	1
11AX160SISO	5570	Type3	2	7.1	344.0	16	1
11AX160SISO	5570	Type3	3	9.8	288.0	18	1
11AX160SISO	5570	Type3	4	8.9	230.0	18	1
11AX160SISO	5570	Type3	5	7.9	432.0	17	0
11AX160SISO	5570	Type3	6	8.2	207.0	17	1

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11AX160SISO	5570	Type3	7	7.5	443.0	17	1
11AX160SISO	5570	Type3	8	8.1	439.0	17	1
11AX160SISO	5570	Type3	9	6.2	223.0	16	0
11AX160SISO	5570	Type3	10	8.9	208.0	18	1
11AX160SISO	5570	Type3	11	9.6	463.0	18	1
11AX160SISO	5570	Type3	12	8.2	441.0	17	1
11AX160SISO	5570	Type3	13	7.2	323.0	16	1
11AX160SISO	5570	Type3	14	9.5	297.0	18	1
11AX160SISO	5570	Type3	15	8.0	412.0	17	1
11AX160SISO	5570	Type3	16	10.0	324.0	18	1
11AX160SISO	5570	Type3	17	7.4	271.0	17	1
11AX160SISO	5570	Type3	18	7.9	349.0	17	1
11AX160SISO	5570	Type3	20	8.7	373.0	18	1
11AX160SISO	5570	Type3	21	7.2	254.0	16	1
11AX160SISO	5570	Type3	22	9.9	274.0	18	1
11AX160SISO	5570	Type3	23	7.9	278.0	17	1
11AX160SISO	5570	Type3	24	7.5	317.0	17	0
11AX160SISO	5570	Type3	25	6.1	260.0	16	0
11AX160SISO	5570	Type3	26	8.8	211.0	18	1
11AX160SISO	5570	Type3	19	7.3	409.0	16	1
11AX160SISO	5570	Type3	27	9.7	272.0	18	1
11AX160SISO	5570	Type3	28	7.4	264.0	17	1
11AX160SISO	5570	Type3	29	9.2	284.0	18	0
11AX160SISO	5570	Type4	0	16.0	355.0	14	1
11AX160SISO	5570	Type4	1	11.3	487.0	12	1
11AX160SISO	5570	Type4	2	13.5	344.0	13	1
11AX160SISO	5570	Type4	3	19.4	288.0	16	1
11AX160SISO	5570	Type4	4	17.5	230.0	15	1
11AX160SISO	5570	Type4	5	15.3	432.0	14	0
11AX160SISO	5570	Type4	6	15.9	207.0	14	1
11AX160SISO	5570	Type4	7	14.3	443.0	13	0
11AX160SISO	5570	Type4	8	15.8	439.0	14	0
11AX160SISO	5570	Type4	9	11.5	223.0	12	0
11AX160SISO	5570	Type4	10	17.4	208.0	15	0
11AX160SISO	5570	Type4	11	19.0	463.0	16	1
11AX160SISO	5570	Type4	12	16.0	441.0	14	0
11AX160SISO	5570	Type4	13	13.8	323.0	13	1
11AX160SISO	5570	Type4	14	18.9	297.0	16	1
11AX160SISO	5570	Type4	15	15.5	412.0	14	1
11AX160SISO	5570	Type4	16	19.9	324.0	16	0
11AX160SISO	5570	Type4	17	14.1	271.0	13	1
11AX160SISO	5570	Type4	18	15.2	349.0	14	1
11AX160SISO	5570	Type4	19	13.8	409.0	13	0
11AX160SISO	5570	Type4	20	17.1	373.0	15	1
11AX160SISO	5570	Type4	21	13.8	254.0	13	1
11AX160SISO	5570	Type4	22	19.8	274.0	16	0
11AX160SISO	5570	Type4	23	15.3	278.0	14	1
11AX160SISO	5570	Type4	24	14.5	317.0	13	1
11AX160SISO	5570	Type4	25	11.3	260.0	12	1
11AX160SISO	5570	Type4	26	17.3	211.0	15	1
11AX160SISO	5570	Type4	27	19.2	272.0	16	1
11AX160SISO	5570	Type4	28	14.2	264.0	13	1
11AX160SISO	5570	Type4	29	18.2	284.0	15	1

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Test Mode	Frequency [MHz]	Radar Type	Trial ID	Number Of Bursts	Waveform Length (s)	Radar Frequency	Detection (1: Yes; 0: No)
11AX20SISO	5500	Type5	0	15	12	5500	1
11AX20SISO	5500	Type5	1	8	12	5500	1
11AX20SISO	5500	Type5	2	11	12	5500	1
11AX20SISO	5500	Type5	3	20	12	5500	1
11AX20SISO	5500	Type5	4	17	12	5500	1
11AX20SISO	5500	Type5	5	14	12	5500	1
11AX20SISO	5500	Type5	6	15	12	5500	1
11AX20SISO	5500	Type5	7	12	12	5500	1
11AX20SISO	5500	Type5	8	14	12	5500	1
11AX20SISO	5500	Type5	9	8	12	5500	0
11AX20SISO	5500	Type5	10	17	12	5497	1
11AX20SISO	5500	Type5	11	19	12	5498	0
11AX20SISO	5500	Type5	12	15	12	5496	0
11AX20SISO	5500	Type5	13	12	12	5495	1
11AX20SISO	5500	Type5	14	19	12	5498	1
11AX20SISO	5500	Type5	15	14	12	5495	1
11AX20SISO	5500	Type5	16	20	12	5499	1
11AX20SISO	5500	Type5	17	12	12	5495	1
11AX20SISO	5500	Type5	18	14	12	5495	1
11AX20SISO	5500	Type5	19	12	12	5495	1
11AX20SISO	5500	Type5	20	16	12	5503	1
11AX20SISO	5500	Type5	21	12	12	5506	1
11AX20SISO	5500	Type5	22	20	12	5501	1
11AX20SISO	5500	Type5	23	14	12	5505	0
11AX20SISO	5500	Type5	24	13	12	5505	1
11AX20SISO	5500	Type5	25	8	12	5507	1
11AX20SISO	5500	Type5	26	17	12	5503	1
11AX20SISO	5500	Type5	27	19	12	5502	1
11AX20SISO	5500	Type5	28	12	12	5505	1
11AX20SISO	5500	Type5	29	18	12	5503	1
11AX160SISO	5250	Type5	0	15	12	5260	1
11AX160SISO	5250	Type5	1	8	12	5260	0
11AX160SISO	5250	Type5	2	11	12	5260	0
11AX160SISO	5250	Type5	3	20	12	5260	1
11AX160SISO	5250	Type5	4	17	12	5260	1
11AX160SISO	5250	Type5	5	14	12	5260	1
11AX160SISO	5250	Type5	6	15	12	5260	1
11AX160SISO	5250	Type5	7	12	12	5260	1
11AX160SISO	5250	Type5	8	14	12	5260	0
11AX160SISO	5250	Type5	9	8	12	5260	0
11AX160SISO	5250	Type5	10	17	12	5188	1
11AX160SISO	5250	Type5	11	19	12	5189	1
11AX160SISO	5250	Type5	12	15	12	5187	1
11AX160SISO	5250	Type5	13	12	12	5185	1
11AX160SISO	5250	Type5	14	19	12	5189	1
11AX160SISO	5250	Type5	15	14	12	5186	0
11AX160SISO	5250	Type5	16	20	12	5189	1
11AX160SISO	5250	Type5	17	12	12	5185	1
11AX160SISO	5250	Type5	18	14	12	5186	1
11AX160SISO	5250	Type5	19	12	12	5185	1
11AX160SISO	5250	Type5	20	16	12	5333	1
11AX160SISO	5250	Type5	21	12	12	5335	1
11AX160SISO	5250	Type5	22	20	12	5331	1
11AX160SISO	5250	Type5	23	14	12	5334	0
11AX160SISO	5250	Type5	24	13	12	5334	0
11AX160SISO	5250	Type5	25	8	12	5337	1
11AX160SISO	5250	Type5	26	17	12	5332	1
11AX160SISO	5250	Type5	27	19	12	5331	1
11AX160SISO	5250	Type5	28	12	12	5335	1
11AX160SISO	5250	Type5	29	18	12	5332	1
11AX40SISO	5270	Type5	0	15	12	5270	1

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11AX40SISO	5270	Type5	1	8	12	5270	0
11AX40SISO	5270	Type5	2	11	12	5270	1
11AX40SISO	5270	Type5	3	20	12	5270	1
11AX40SISO	5270	Type5	4	17	12	5270	1
11AX40SISO	5270	Type5	5	14	12	5270	1
11AX40SISO	5270	Type5	6	15	12	5270	1
11AX40SISO	5270	Type5	7	12	12	5270	1
11AX40SISO	5270	Type5	8	14	12	5270	1
11AX40SISO	5270	Type5	9	8	12	5270	1
11AX40SISO	5270	Type5	10	17	12	5258	1
11AX40SISO	5270	Type5	11	19	12	5259	1
11AX40SISO	5270	Type5	12	15	12	5257	1
11AX40SISO	5270	Type5	13	12	12	5256	1
11AX40SISO	5270	Type5	14	19	12	5259	1
11AX40SISO	5270	Type5	15	14	12	5257	1
11AX40SISO	5270	Type5	16	20	12	5260	1
11AX40SISO	5270	Type5	17	12	12	5256	1
11AX40SISO	5270	Type5	18	14	12	5257	1
11AX40SISO	5270	Type5	19	12	12	5256	1
11AX40SISO	5270	Type5	20	16	12	5282	1
11AX40SISO	5270	Type5	21	12	12	5285	1
11AX40SISO	5270	Type5	22	20	12	5280	1
11AX40SISO	5270	Type5	23	14	12	5283	1
11AX40SISO	5270	Type5	24	13	12	5284	1
11AX40SISO	5270	Type5	25	8	12	5286	1
11AX40SISO	5270	Type5	26	17	12	5282	1
11AX40SISO	5270	Type5	27	19	12	5281	1
11AX40SISO	5270	Type5	28	12	12	5284	1
11AX40SISO	5270	Type5	29	18	12	5281	1
11AX40SISO	5510	Type5	0	15	12	5510	1
11AX40SISO	5510	Type5	1	8	12	5510	1
11AX40SISO	5510	Type5	2	11	12	5510	1
11AX40SISO	5510	Type5	3	20	12	5510	1
11AX40SISO	5510	Type5	4	17	12	5510	1
11AX40SISO	5510	Type5	5	14	12	5510	1
11AX40SISO	5510	Type5	6	15	12	5510	1
11AX40SISO	5510	Type5	7	12	12	5510	1
11AX40SISO	5510	Type5	8	14	12	5510	1
11AX40SISO	5510	Type5	9	8	12	5510	1
11AX40SISO	5510	Type5	10	17	12	5498	1
11AX40SISO	5510	Type5	11	19	12	5500	1
11AX40SISO	5510	Type5	12	15	12	5497	1
11AX40SISO	5510	Type5	13	12	12	5496	1
11AX40SISO	5510	Type5	14	19	12	5499	1
11AX40SISO	5510	Type5	15	14	12	5497	1
11AX40SISO	5510	Type5	16	20	12	5500	1
11AX40SISO	5510	Type5	17	12	12	5496	1
11AX40SISO	5510	Type5	18	14	12	5497	1
11AX40SISO	5510	Type5	19	12	12	5496	1
11AX40SISO	5510	Type5	20	16	12	5522	1
11AX40SISO	5510	Type5	21	12	12	5524	1
11AX40SISO	5510	Type5	22	20	12	5520	1
11AX40SISO	5510	Type5	23	14	12	5523	1
11AX40SISO	5510	Type5	24	13	12	5524	1
11AX40SISO	5510	Type5	25	8	12	5526	1
11AX40SISO	5510	Type5	26	17	12	5522	1
11AX40SISO	5510	Type5	27	19	12	5520	1
11AX40SISO	5510	Type5	28	12	12	5524	1
11AX40SISO	5510	Type5	29	18	12	5521	1
11AX80SISO	5290	Type5	0	15	12	5290	1
11AX80SISO	5290	Type5	1	8	12	5290	1
11AX80SISO	5290	Type5	2	11	12	5290	1
11AX80SISO	5290	Type5	3	20	12	5290	1

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11AX80SISO	5290	Type5	4	17	12	5290	1
11AX80SISO	5290	Type5	5	14	12	5290	1
11AX80SISO	5290	Type5	6	15	12	5290	1
11AX80SISO	5290	Type5	7	12	12	5290	1
11AX80SISO	5290	Type5	8	14	12	5290	1
11AX80SISO	5290	Type5	9	8	12	5290	1
11AX80SISO	5290	Type5	10	17	12	5259	1
11AX80SISO	5290	Type5	11	19	12	5260	1
11AX80SISO	5290	Type5	12	15	12	5257	1
11AX80SISO	5290	Type5	13	12	12	5256	1
11AX80SISO	5290	Type5	14	19	12	5259	1
11AX80SISO	5290	Type5	15	14	12	5257	1
11AX80SISO	5290	Type5	16	20	12	5260	1
11AX80SISO	5290	Type5	17	12	12	5256	1
11AX80SISO	5290	Type5	18	14	12	5257	1
11AX80SISO	5290	Type5	19	12	12	5256	0
11AX80SISO	5290	Type5	20	16	12	5322	1
11AX80SISO	5290	Type5	21	12	12	5324	1
11AX80SISO	5290	Type5	22	20	12	5320	1
11AX80SISO	5290	Type5	23	14	12	5323	0
11AX80SISO	5290	Type5	24	13	12	5323	1
11AX80SISO	5290	Type5	25	8	12	5326	0
11AX80SISO	5290	Type5	26	17	12	5321	1
11AX80SISO	5290	Type5	27	19	12	5320	1
11AX80SISO	5290	Type5	28	12	12	5324	1
11AX80SISO	5290	Type5	29	18	12	5321	1
11AX80SISO	5530	Type5	0	15	12	5530	0
11AX80SISO	5530	Type5	1	8	12	5530	1
11AX80SISO	5530	Type5	2	11	12	5530	1
11AX80SISO	5530	Type5	3	20	12	5530	0
11AX80SISO	5530	Type5	4	17	12	5530	1
11AX80SISO	5530	Type5	5	14	12	5530	1
11AX80SISO	5530	Type5	6	15	12	5530	1
11AX80SISO	5530	Type5	7	12	12	5530	1
11AX80SISO	5530	Type5	8	14	12	5530	0
11AX80SISO	5530	Type5	9	8	12	5530	1
11AX80SISO	5530	Type5	10	17	12	5499	1
11AX80SISO	5530	Type5	11	19	12	5500	1
11AX80SISO	5530	Type5	12	15	12	5497	0
11AX80SISO	5530	Type5	13	12	12	5496	1
11AX80SISO	5530	Type5	14	19	12	5499	1
11AX80SISO	5530	Type5	15	14	12	5497	1
11AX80SISO	5530	Type5	16	20	12	5500	0
11AX80SISO	5530	Type5	17	12	12	5496	1
11AX80SISO	5530	Type5	18	14	12	5497	1
11AX80SISO	5530	Type5	19	12	12	5496	0
11AX80SISO	5530	Type5	20	16	12	5562	0
11AX80SISO	5530	Type5	21	12	12	5564	1
11AX80SISO	5530	Type5	22	20	12	5560	1
11AX80SISO	5530	Type5	23	14	12	5563	1
11AX80SISO	5530	Type5	24	13	12	5563	0
11AX80SISO	5530	Type5	25	8	12	5566	0
11AX80SISO	5530	Type5	26	17	12	5561	1
11AX80SISO	5530	Type5	27	19	12	5560	1
11AX80SISO	5530	Type5	28	12	12	5564	1
11AX80SISO	5530	Type5	29	18	12	5561	1
11AX160SISO	5570	Type5	0	15	12	5570	1
11AX160SISO	5570	Type5	1	8	12	5570	0
11AX160SISO	5570	Type5	2	11	12	5570	1
11AX160SISO	5570	Type5	3	20	12	5570	1
11AX160SISO	5570	Type5	4	17	12	5570	1
11AX160SISO	5570	Type5	5	14	12	5570	1
11AX160SISO	5570	Type5	6	15	12	5570	1

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11AX160SISO	5570	Type5	7	12	12	5570	0
11AX160SISO	5570	Type5	8	14	12	5570	0
11AX160SISO	5570	Type5	9	8	12	5570	1
11AX160SISO	5570	Type5	10	17	12	5499	0
11AX160SISO	5570	Type5	11	19	12	5500	1
11AX160SISO	5570	Type5	12	15	12	5498	1
11AX160SISO	5570	Type5	13	12	12	5496	1
11AX160SISO	5570	Type5	14	19	12	5500	1
11AX160SISO	5570	Type5	15	14	12	5497	1
11AX160SISO	5570	Type5	16	20	12	5500	1
11AX160SISO	5570	Type5	17	12	12	5496	1
11AX160SISO	5570	Type5	18	14	12	5497	0
11AX160SISO	5570	Type5	19	12	12	5496	1
11AX160SISO	5570	Type5	20	16	12	5642	0
11AX160SISO	5570	Type5	21	12	12	5644	1
11AX160SISO	5570	Type5	22	20	12	5640	0
11AX160SISO	5570	Type5	23	14	12	5643	1
11AX160SISO	5570	Type5	24	13	12	5643	1
11AX160SISO	5570	Type5	25	8	12	5646	1
11AX160SISO	5570	Type5	26	17	12	5641	1
11AX160SISO	5570	Type5	27	19	12	5640	1
11AX160SISO	5570	Type5	28	12	12	5644	1
11AX160SISO	5570	Type5	29	18	12	5641	0

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Test Mode	Frequency [MHz]	Radar Type	Trial ID	Pulse width (μs)	PRI (μs)	Pulses per Hop	Detection (1: Yes; 0: No)
11AX20SIS O	5500	Type6	0	1	333.3	9	1
11AX20SIS O	5500	Type6	1	1	333.3	9	1
11AX20SIS O	5500	Type6	2	1	333.3	9	1
11AX20SIS O	5500	Type6	3	1	333.3	9	1
11AX20SIS O	5500	Type6	4	1	333.3	9	1
11AX20SIS O	5500	Type6	5	1	333.3	9	1
11AX20SIS O	5500	Type6	6	1	333.3	9	1
11AX20SIS O	5500	Type6	7	1	333.3	9	1
11AX20SIS O	5500	Type6	8	1	333.3	9	1
11AX20SIS O	5500	Type6	9	1	333.3	9	1
11AX20SIS O	5500	Type6	10	1	333.3	9	1
11AX20SIS O	5500	Type6	11	1	333.3	9	1
11AX20SIS O	5500	Type6	12	1	333.3	9	1
11AX20SIS O	5500	Type6	13	1	333.3	9	1
11AX20SIS O	5500	Type6	15	1	333.3	9	1
11AX20SIS O	5500	Type6	16	1	333.3	9	1
11AX20SIS O	5500	Type6	17	1	333.3	9	1
11AX20SIS O	5500	Type6	18	1	333.3	9	1
11AX20SIS O	5500	Type6	19	1	333.3	9	1
11AX20SIS O	5500	Type6	20	1	333.3	9	1
11AX20SIS O	5500	Type6	21	1	333.3	9	1
11AX20SIS O	5500	Type6	22	1	333.3	9	1
11AX20SIS O	5500	Type6	23	1	333.3	9	1
11AX20SIS O	5500	Type6	24	1	333.3	9	1
11AX20SIS O	5500	Type6	25	1	333.3	9	1
11AX20SIS O	5500	Type6	26	1	333.3	9	1
11AX20SIS O	5500	Type6	27	1	333.3	9	1
11AX20SIS O	5500	Type6	28	1	333.3	9	1
11AX20SIS O	5500	Type6	29	1	333.3	9	1
11AX20SIS O	5500	Type6	14	1	333.3	9	1
11AX160SIS O	5250	Type6	0	1	333.3	9	1

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11AX160SIS O	5250	Type6	1	1	333.3	9	1
11AX160SIS O	5250	Type6	2	1	333.3	9	1
11AX160SIS O	5250	Type6	3	1	333.3	9	1
11AX160SIS O	5250	Type6	4	1	333.3	9	1
11AX160SIS O	5250	Type6	5	1	333.3	9	1
11AX160SIS O	5250	Type6	6	1	333.3	9	1
11AX160SIS O	5250	Type6	7	1	333.3	9	1
11AX160SIS O	5250	Type6	8	1	333.3	9	1
11AX160SIS O	5250	Type6	9	1	333.3	9	1
11AX160SIS O	5250	Type6	10	1	333.3	9	1
11AX160SIS O	5250	Type6	11	1	333.3	9	1
11AX160SIS O	5250	Type6	12	1	333.3	9	1
11AX160SIS O	5250	Type6	13	1	333.3	9	1
11AX160SIS O	5250	Type6	14	1	333.3	9	1
11AX160SIS O	5250	Type6	15	1	333.3	9	1
11AX160SIS O	5250	Type6	16	1	333.3	9	1
11AX160SIS O	5250	Type6	17	1	333.3	9	1
11AX160SIS O	5250	Type6	18	1	333.3	9	1
11AX160SIS O	5250	Type6	19	1	333.3	9	1
11AX160SIS O	5250	Type6	20	1	333.3	9	1
11AX160SIS O	5250	Type6	21	1	333.3	9	1
11AX160SIS O	5250	Type6	22	1	333.3	9	1
11AX160SIS O	5250	Type6	23	1	333.3	9	1
11AX160SIS O	5250	Type6	24	1	333.3	9	1
11AX160SIS O	5250	Type6	25	1	333.3	9	1
11AX160SIS O	5250	Type6	26	1	333.3	9	1
11AX160SIS O	5250	Type6	27	1	333.3	9	1
11AX160SIS O	5250	Type6	28	1	333.3	9	1
11AX160SIS O	5250	Type6	29	1	333.3	9	1
11AX40SIS O	5270	Type6	0	1	333.3	9	1
11AX40SIS O	5270	Type6	1	1	333.3	9	1
11AX40SIS O	5270	Type6	2	1	333.3	9	1
11AX40SIS	5270	Type6	3	1	333.3	9	1

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11AX40SIS O	5270	Type6	4	1	333.3	9	1
11AX40SIS O	5270	Type6	5	1	333.3	9	1
11AX40SIS O	5270	Type6	6	1	333.3	9	1
11AX40SIS O	5270	Type6	7	1	333.3	9	1
11AX40SIS O	5270	Type6	18	1	333.3	9	1
11AX40SIS O	5270	Type6	19	1	333.3	9	1
11AX40SIS O	5270	Type6	20	1	333.3	9	1
11AX40SIS O	5270	Type6	21	1	333.3	9	1
11AX40SIS O	5270	Type6	22	1	333.3	9	1
11AX40SIS O	5270	Type6	23	1	333.3	9	1
11AX40SIS O	5270	Type6	24	1	333.3	9	1
11AX40SIS O	5270	Type6	25	1	333.3	9	1
11AX40SIS O	5270	Type6	26	1	333.3	9	1
11AX40SIS O	5270	Type6	27	1	333.3	9	1
11AX40SIS O	5270	Type6	28	1	333.3	9	1
11AX40SIS O	5270	Type6	29	1	333.3	9	1
11AX40SIS O	5270	Type6	8	1	333.3	9	1
11AX40SIS O	5270	Type6	9	1	333.3	9	1
11AX40SIS O	5270	Type6	10	1	333.3	9	1
11AX40SIS O	5270	Type6	11	1	333.3	9	1
11AX40SIS O	5270	Type6	12	1	333.3	9	1
11AX40SIS O	5270	Type6	13	1	333.3	9	1
11AX40SIS O	5270	Type6	14	1	333.3	9	1
11AX40SIS O	5270	Type6	15	1	333.3	9	1
11AX40SIS O	5270	Type6	16	1	333.3	9	1
11AX40SIS O	5270	Type6	17	1	333.3	9	1
11AX40SIS O	5510	Type6	0	1	333.3	9	1
11AX40SIS O	5510	Type6	1	1	333.3	9	1
11AX40SIS O	5510	Type6	2	1	333.3	9	1
11AX40SIS O	5510	Type6	3	1	333.3	9	1
11AX40SIS O	5510	Type6	4	1	333.3	9	1
11AX40SIS O	5510	Type6	5	1	333.3	9	1

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11AX40SIS O	5510	Type6	6	1	333.3	9	1
11AX40SIS O	5510	Type6	7	1	333.3	9	1
11AX40SIS O	5510	Type6	8	1	333.3	9	0
11AX40SIS O	5510	Type6	9	1	333.3	9	1
11AX40SIS O	5510	Type6	10	1	333.3	9	1
11AX40SIS O	5510	Type6	11	1	333.3	9	1
11AX40SIS O	5510	Type6	12	1	333.3	9	1
11AX40SIS O	5510	Type6	13	1	333.3	9	1
11AX40SIS O	5510	Type6	14	1	333.3	9	1
11AX40SIS O	5510	Type6	15	1	333.3	9	1
11AX40SIS O	5510	Type6	16	1	333.3	9	0
11AX40SIS O	5510	Type6	17	1	333.3	9	1
11AX40SIS O	5510	Type6	18	1	333.3	9	1
11AX40SIS O	5510	Type6	19	1	333.3	9	1
11AX40SIS O	5510	Type6	20	1	333.3	9	1
11AX40SIS O	5510	Type6	21	1	333.3	9	1
11AX40SIS O	5510	Type6	22	1	333.3	9	1
11AX40SIS O	5510	Type6	23	1	333.3	9	1
11AX40SIS O	5510	Type6	24	1	333.3	9	1
11AX40SIS O	5510	Type6	25	1	333.3	9	1
11AX40SIS O	5510	Type6	26	1	333.3	9	1
11AX40SIS O	5510	Type6	27	1	333.3	9	0
11AX40SIS O	5510	Type6	28	1	333.3	9	0
11AX40SIS O	5510	Type6	29	1	333.3	9	1
11AX80SIS O	5290	Type6	0	1	333.3	9	1
11AX80SIS O	5290	Type6	1	1	333.3	9	1
11AX80SIS O	5290	Type6	2	1	333.3	9	1
11AX80SIS O	5290	Type6	3	1	333.3	9	1
11AX80SIS O	5290	Type6	4	1	333.3	9	1
11AX80SIS O	5290	Type6	5	1	333.3	9	1
11AX80SIS O	5290	Type6	6	1	333.3	9	1
11AX80SIS O	5290	Type6	7	1	333.3	9	1
11AX80SIS	5290	Type6	8	1	333.3	9	1

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O							
11AX80SIS O	5290	Type6	9	1	333.3	9	1
11AX80SIS O	5290	Type6	10	1	333.3	9	1
11AX80SIS O	5290	Type6	11	1	333.3	9	1
11AX80SIS O	5290	Type6	12	1	333.3	9	1
11AX80SIS O	5290	Type6	13	1	333.3	9	1
11AX80SIS O	5290	Type6	14	1	333.3	9	1
11AX80SIS O	5290	Type6	15	1	333.3	9	1
11AX80SIS O	5290	Type6	16	1	333.3	9	1
11AX80SIS O	5290	Type6	17	1	333.3	9	1
11AX80SIS O	5290	Type6	18	1	333.3	9	1
11AX80SIS O	5290	Type6	19	1	333.3	9	1
11AX80SIS O	5290	Type6	20	1	333.3	9	1
11AX80SIS O	5290	Type6	21	1	333.3	9	1
11AX80SIS O	5290	Type6	22	1	333.3	9	1
11AX80SIS O	5290	Type6	23	1	333.3	9	1
11AX80SIS O	5290	Type6	24	1	333.3	9	1
11AX80SIS O	5290	Type6	25	1	333.3	9	1
11AX80SIS O	5290	Type6	26	1	333.3	9	1
11AX80SIS O	5290	Type6	27	1	333.3	9	1
11AX80SIS O	5290	Type6	28	1	333.3	9	1
11AX80SIS O	5290	Type6	29	1	333.3	9	1
11AX80SIS O	5530	Type6	0	1	333.3	9	1
11AX80SIS O	5530	Type6	1	1	333.3	9	1
11AX80SIS O	5530	Type6	2	1	333.3	9	1
11AX80SIS O	5530	Type6	3	1	333.3	9	1
11AX80SIS O	5530	Type6	4	1	333.3	9	1
11AX80SIS O	5530	Type6	5	1	333.3	9	1
11AX80SIS O	5530	Type6	6	1	333.3	9	1
11AX80SIS O	5530	Type6	7	1	333.3	9	1
11AX80SIS O	5530	Type6	8	1	333.3	9	1
11AX80SIS O	5530	Type6	9	1	333.3	9	1
11AX80SIS O	5530	Type6	10	1	333.3	9	1

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11AX80SIS O	5530	Type6	11	1	333.3	9	1
11AX80SIS O	5530	Type6	12	1	333.3	9	1
11AX80SIS O	5530	Type6	13	1	333.3	9	1
11AX80SIS O	5530	Type6	14	1	333.3	9	1
11AX80SIS O	5530	Type6	15	1	333.3	9	1
11AX80SIS O	5530	Type6	16	1	333.3	9	1
11AX80SIS O	5530	Type6	17	1	333.3	9	1
11AX80SIS O	5530	Type6	18	1	333.3	9	1
11AX80SIS O	5530	Type6	19	1	333.3	9	1
11AX80SIS O	5530	Type6	20	1	333.3	9	1
11AX80SIS O	5530	Type6	21	1	333.3	9	1
11AX80SIS O	5530	Type6	22	1	333.3	9	1
11AX80SIS O	5530	Type6	23	1	333.3	9	1
11AX80SIS O	5530	Type6	24	1	333.3	9	1
11AX80SIS O	5530	Type6	25	1	333.3	9	1
11AX80SIS O	5530	Type6	26	1	333.3	9	1
11AX80SIS O	5530	Type6	27	1	333.3	9	1
11AX80SIS O	5530	Type6	28	1	333.3	9	1
11AX80SIS O	5530	Type6	29	1	333.3	9	1
11AX160SIS O	5570	Type6	0	1	333.3	9	1
11AX160SIS O	5570	Type6	1	1	333.3	9	1
11AX160SIS O	5570	Type6	2	1	333.3	9	1
11AX160SIS O	5570	Type6	3	1	333.3	9	1
11AX160SIS O	5570	Type6	4	1	333.3	9	1
11AX160SIS O	5570	Type6	5	1	333.3	9	1
11AX160SIS O	5570	Type6	6	1	333.3	9	1
11AX160SIS O	5570	Type6	7	1	333.3	9	1
11AX160SIS O	5570	Type6	8	1	333.3	9	1
11AX160SIS O	5570	Type6	9	1	333.3	9	1
11AX160SIS O	5570	Type6	10	1	333.3	9	1
11AX160SIS O	5570	Type6	11	1	333.3	9	1
11AX160SIS O	5570	Type6	12	1	333.3	9	1
11AX160SIS	5570	Type6	13	1	333.3	9	1

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O							
11AX160SIS O	5570	Type6	14	1	333.3	9	1
11AX160SIS O	5570	Type6	15	1	333.3	9	1
11AX160SIS O	5570	Type6	16	1	333.3	9	1
11AX160SIS O	5570	Type6	17	1	333.3	9	1
11AX160SIS O	5570	Type6	18	1	333.3	9	1
11AX160SIS O	5570	Type6	19	1	333.3	9	1
11AX160SIS O	5570	Type6	20	1	333.3	9	1
11AX160SIS O	5570	Type6	21	1	333.3	9	1
11AX160SIS O	5570	Type6	22	1	333.3	9	1
11AX160SIS O	5570	Type6	23	1	333.3	9	1
11AX160SIS O	5570	Type6	24	1	333.3	9	1
11AX160SIS O	5570	Type6	25	1	333.3	9	1
11AX160SIS O	5570	Type6	26	1	333.3	9	1
11AX160SIS O	5570	Type6	27	1	333.3	9	1
11AX160SIS O	5570	Type6	28	1	333.3	9	1
11AX160SIS O	5570	Type6	29	1	333.3	9	1

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APPENDIX 1 PHOTOS OF TEST SETUP

See test photos attached in Appendix 1 for the actual connections between Product and support equipment.

APPENDIX 2 PHOTOS OF EUT CONSTRUCTIONAL DETAILS

Refer to Appendix 2 for EUT external and internal photos.

*** End of Report ***

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