

TEST REPORT

Product : 10G Router
Trade mark : I-O DATA
Model/Type reference : WN-DAX3600XR
Serial Number : N/A
Report Number : EED32M00044106
Date of Issue : Jun. 10, 2020
Product Class : Item 19-3 of Article 2 Paragraph 1
Test result : PASS

Prepared for:

I-O DATA DEVICE, INC.

Zip code: 920-8512

3-10, Sakurada-machi, kanazawa, Ishikawa, Japan

Prepared by:

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Date:

Jun. 10, 2020

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Check No.: 3096309970

2 Version

Version No.	Date	Description
00	Jun. 10, 2020	Original

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4 General Information

4.1 Client Information

Applicant:	I-O DATA DEVICE, INC.
Address of Applicant:	Zip code: 920-8512 3-10, Sakurada-machi, kanazawa, Ishikawa, Japan
Manufacturer:	ZTE Corporation
Address of Manufacturer:	ZTE Plaza , Keji Road South, Hi-Tech, Industrial Park, Nanshan District, Shenzhen, Guangdong, P.R.China
Factory:	ZTE (Heyuan) Co.,Ltd
Address of Factory:	ZTE Base,Guishan crossroad Yingke avenue,Yuannan town,Yuancheng district,Heyuan City,Guangdong province, P.R.China

4.2 General Description of EUT

Product Name:	10G Router
Model No.:	WN-DAX3600XR
Trade Mark:	I-O DATA
EUT Supports Radios application:	2400MHz to 2483.5MHz, 5.150-5.250GHz, 5.250-5.350GHz, 5.470-5.730GHz
Operating Frequency:	2400MHz to 2483.5MHz, 5.150-5.250GHz, 5.250-5.350GHz, 5.470-5.730GHz
Type of Modulation:	IEEE for 802.11a: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE for 802.11b: DSSS(CCK, DQPSK, DBPSK) IEEE for 802.11g :OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE for 802.11n(HT20 and HT40) : OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE for 802.11ac: OFDM(256QAM, 64QAM, 16QAM, QPSK, BPSK) IEEE for 802.11ax: OFDMA(1024QAM, 256QAM,64QAM, 16QAM, QPSK, BPSK)
Transmit Data Rate:	IEEE 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps IEEE 802.11b: 1, 2, 5.5, 11M bps IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54M bps IEEE 802.11n HT20: up to 288.9Mbps, HT40: up to 600 Mbps IEEE 802.11ac VHT20: up to 346.7 Mbps, VHT40: up to 800 Mbps, VHT80: up to 1733.3 Mbps IEEE for 802.11ax:HEW20: up to 573.5 Mbps, HEW40: up to 1147.1Mbps, HEW80: up to 2402 Mbps IEEE 802.11ac VHT80+80: up to 1733.3 Mbps IEEE for 802.11ax:HEW80+80: up to 2402 Mbps
Antenna Type:	Antenna 1 2.4G WIFI: Antenna Type: 2.4G FPCB Antenna 5G WIFI: Antenna Type: 5G FPCB Antenna
	Antenna 2 2.4G WIFI: Antenna Type: 2.4G FPCB Antenna 5G WIFI: Antenna Type: 5G FPCB Antenna
	Antenna 3 2.4G WIFI: Antenna Type: 2.4G FPCB Antenna 5G WIFI: Antenna Type: 5G FPCB Antenna
	Antenna 4 2.4G WIFI: Antenna Type: 2.4G FPCB Antenna 5G WIFI: Antenna Type: 5G FPCB Antenna
Antenna gain:	Antenna 1 2.4G WIFI: Antenna Gain: 3 dBi 5G WIFI: Antenna Gain: 3 dBi
	Antenna 2 2.4G WIFI: Antenna Gain: 3 dBi 5G WIFI: Antenna Gain: 3 dBi
	Antenna 3 2.4G WIFI: Antenna Gain: 3 dBi 5G WIFI: Antenna Gain: 3 dBi
	Antenna 4 2.4G WIFI: Antenna Gain: 3 dBi 5G WIFI: Antenna Gain: 3 dBi

Test Power Grade:		Refer to Table 1
Test Software of EUT:		accessMtool(manufacturer declare)
Power Supply:	AC/DC ADAPTER	Model: WA-36R12FU Input: 100V~, 50-60Hz, 0.9A Max Output: DC12V---3A
Power cord:		1.50m
Sample Received Date:		Mar.16, 2020
Sample tested Date:		Mar.16, 2020 to May 06, 2020
Remark:		The tested sample(s) and the sample information are provided by the client.

Table 1:

W-Fi 2.4GHz	
802.11b	10
802.11g	6
802.11n20	5
802.11n40	5
802.11ax20	5
802.11ax40	5

W-Fi 5.2GHz	
802.11a	4
802.11n20	4
802.11n40	4
802.11ac20	4
802.11ac40	4
802.11ac80	4
802.11ax20	3
802.11ax40	3
802.11ax80	3

W-Fi 5.3GHz	
802.11a	4
802.11n20	3
802.11n40	3
802.11ac20	3
802.11ac40	3
802.11ac80	4
802.11ax20	2
802.11ax40	3
802.11ax80	3

W-Fi 5.6GHz	
802.11a	4
802.11n20	3
802.11n40	3
802.11ac20	3
802.11ac40	3
802.11ac80	3
802.11ax20	0
802.11ax40	0
802.11ax80	1

Wi-Fi 5.2GHz		
802.11ac80+80	5210+5530	5
802.11ac80+80	5210+5610	5
802.11ac80+80	5210+5690	5
802.11ax80+80	5210+5530	3
802.11ax80+80	5210+5610	3
802.11ax80+80	5210+5690	3
Wi-Fi 5.3GHz		
802.11ac80+80	5290+5530	5
802.11ac80+80	5290+5610	5
802.11ac80+80	5290+5690	5
802.11ax80+80	5290+5530	3
802.11ax80+80	5290+5610	3
802.11ax80+80	5290+5690	3
Wi-Fi 5.6GHz		
802.11ac80+80	5530+5690	5
802.11ax80+80	5530+5690	3

4.3 EUT test environment range

Temperature:	24°C
Humidity:	56 % RH
Atmospheric Pressure:	1010mbar

4.4 Description of Support Units

The EUT has been tested with associated equipment below.

Associated equipment name		Manufacture	serial number	Supplied by
AE1	Phone	Apple	TTF20120027	CTI

4.5 Test Location

The frequency of W56 tests were performed at:

Centre Testing International Group Co., Ltd.

Building C, Hongwei Industrial Park Block 70, Bao'an District, Shenzhen, China

Telephone: +86 (0) 755 33683668 Fax: +86 (0) 755 33683385

The frequency of W53 tests were performed by subcontracted lab:

MRT Technology (Suzhou) Co., Ltd

D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China.

Telephone: +86-512-66308358 Web: www.mrt-cert.com

5 Equipment List

CTI

Equipment	Manufacturer	Model	Serial No.	Cal. Date	Due date	Calibration body	Classification
Spectrum Analyzer	R&S	FSV40	101200	09-19-2019	09-18-2020	LISAI	(c)
Temperature/Humidity Indicator	biaozhi	GM1360	EJ1611459	02-22-2020	02-21-2021	CTIMT	(c)
Signal Generator	Keysight	E8257D	MY53401106	02-17-2020	02-16-2021	CTIMT	(c)
Digital multimeter	FLUKE	111	90240138	06-28-2019	06-27-2020	CTIMT	(c)

Remark:

- (a) Calibration conducted by the National Institute of Information and Communications Technology (NICT) in Japan (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1) in JRL.
- (b) Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Act (Act No. 51 of 1992).
- (c) Calibration conducted in countries except Japan, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).
- (d) Calibration, etc. conducted by using measuring instruments and other equipment listed in the right column of appended table No. 3, which shall have been given any type of calibration, etc. listed above from (a) to (c).

From JRL Article 24-2, paragraph 4, Item 2

MRT

Dynamic Frequency Selection - SR4

Equipment	Manufacturer	Model	Asset No.	Cali. Interval	Cali. Due Date
EXA Signal Analyzer	Agilent	N9020A	MRTSUE06106	1 year	2021/04/14
EXA Signal Analyzer	Keysight	N9010B	MRTSUE06457	1 year	2020/07/11
MXG-B RF Vector Signal Generator	Keysight	N5182B	MRTSUE06605	1 year	2020/12/04
Vector Signal Generator	R&S	SMBV100A	MRTSUE06279	1 year	2021/04/14
Thermohygrometer	Testo	608-H1	MRTSUE06402	1 year	2020/08/08

Software	Version	Manufacturer	Function
N7607C Signal Studio	2.0.0.0	Keysight	DFS Test Software
DFS Tool	V 6.9.2	Agilent	DFS Test Software

6 Transmitter Requirements

6.1 EUT channels and frequencies list

802.11a 20MHz 802.11n 20MHz 802.11ac 20MHz 802.11ax 20MHz		802.11n 40MHz 802.11ac 40MHz 802.11ax 40MHz		802.11ac 80MHz 802.11ax 80MHz	
W52		W52		W52	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	N/A	N/A
44	5220	N/A	N/A	N/A	N/A
48	5240	N/A	N/A	N/A	N/A
802.11a 20MHz 802.11n 20MHz 802.11ac 20MHz 802.11ax 20MHz		802.11n 40MHz 802.11ac 40MHz 802.11ax 40MHz		802.11ac 80MHz 802.11ax 80MHz	
W53		W53		W53	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	54	5270	58	5290
56	5280	62	5310	N/A	N/A
60	5300	N/A	N/A	N/A	N/A
64	5320	N/A	N/A	N/A	N/A
802.11a 20MHz 802.11n 20MHz 802.11ac 20MHz 802.11ax 20MHz		802.11n 40MHz 802.11ac 40MHz 802.11ax 40MHz		802.11ac 80MHz 802.11ax 80MHz	
W56		W56		W56	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590	138	5690
112	5560	126	5630	N/A	N/A
116	5580	134	5670	N/A	N/A
120	5600	142	5710	N/A	N/A
124	5620	N/A	N/A	N/A	N/A
128	5640	N/A	N/A	N/A	N/A
132	5660	N/A	N/A	N/A	N/A
136	5680	N/A	N/A	N/A	N/A
140	5700	N/A	N/A	N/A	N/A
144	5720	N/A	N/A	N/A	N/A

80MHz+80MHz system		
11ac VHT80+80/11ax HEW80+80		
W52+W56	Channel	Frequency (MHz)
	CH 42+106	5210+5530
	CH 42+122	5210+5610
	CH 42+138	5210+5690
W53+W56	Channel	Frequency (MHz)
	CH 58+106	5290+5530
	CH 58+122	5290+5610
	CH 58+138	5290+5690
W56	Channel	Frequency (MHz)
	CH 106+138	5530+5690

7 Dynamic Frequency Selection (DFS)

7.1 Technical Requirements for DFS

7.1.1 Applicability of DFS Requirements

Requirement	Operational Mode
	Master
Confirming available channels	Yes
Monitoring of operating channel	Yes

7.1.2 DFS Interference Thresholds and Response Requirement

Interference threshold values

Maximum Transmit power (eirp)	Value (see notes)
≥ 200 mW	-64 dBm
< 200 mW	-62 dBm
NOTE : This is the level at the input of the receiver assuming a 0 dBi receive antenna.	

DFS requirement values

Parameter		Value
Confirming available channels		60 s
Monitoring of operating channel	Channel Move Time	10 s
	Channel Closing Transmission Time	260 ms
Non-Occupancy Period		30 minutes

7.2 DFS test signals

7.2.1 Parameters of the DFS test signal in the 5250-5350 MHz band

The radio wave which a radar transmits						Detection probability
Classification	Pulse width		Repetition frequency		Minimum number of consecutive pulses	
	minimum value	maximum value	minimum value	maximum value		
1	0.5μS	5μS	200 Hz	1000 Hz	10	60% or more
2	0.5μS	15μS	200 Hz	1600 Hz	15	60% or more
3	0.5μS	5μS	200 Hz	1000 Hz	“Repetition frequency x 0.026” (Round up to less than 1), or “22”, whichever is larger, or “30”, whichever is smaller	60% or more
4	0.5μS	15μS	200 Hz	1600 Hz	“Repetition frequency x 0.026” (Round up to less than 1), or “22”, whichever is larger, or “30”, whichever is smaller	60% or more
5	0.5μS	1.5μS	1114 Hz	1118 Hz	30	60% or more
6	0.5μS	1.5μS	928 Hz	932 Hz	25	60% or more
7	0.5μS	1.5μS	886 Hz	890 Hz	24	60% or more
8	0.5μS	1.5μS	738 Hz	742 Hz	20	60% or more

7.2.2 Parameters of the DFS test signal in the 5470-5730 MHz band

A. Fixed pulse radar wave test signals

Test signal	Pulse width [μ s]	Pulse repetition frequency [Hz]	Number of continuous pulses	Repetition cycle [s]
Fixed Pulse 1	0.5	720	18	15.0
Fixed Pulse 2	1.0	700	18	15.0
Fixed Pulse 3	2.0	250	18	15.0

B. Variable pulse radar wave test signals

Test signal	Pulse width [μ s]	Pulse repetition frequency [Hz]	Number of continuous pulses	Repetition cycle [s]
Variable Pulse 4	Width in a range of 1 to 5 μ s in increments of 1 μ s	Any one frequency in a range of 4,347 to 6,667 Hz	Any one integer between 23 and 29	15.0
Variable Pulse 5	Width in a range of 6 to 10 μ s in increments of 1 μ s	Any one frequency in a range of 2,000 to 5,000 Hz	Any one integer between 16 and 18	15.0
Variable Pulse 6	Width in a range of 11 to 20 μ s in increments of 1 μ s	Any one frequency in a range of 2,000 to 5,000 Hz	Any one integer between 12 and 16	15.0

Note: Each item in the table shall consist of any combination of 1.

C. Chirp radar wave test signal

Test signal	Pulse width [μs]	Pulse repetition frequency [Hz]	Number of continuous pulses	Repetition cycle [s]
Chirp	Width in a range of 50 to 100 μs in increments of 1 μs	Any one frequency in a range of 500 to 1,000 Hz	Any one integer between 1 and 3	12.0

Note 1: Bursts shall be transmitted within 12 seconds.

Note 2: The Chirp width shall be a frequency width that ranges from 5 to 20 MHz in increments of 1 MHz.

An individual Chirp width can be any in each burst and Chirp widths within the same burst shall be equal.

Note 3: The number of bursts shall be any integer in a range of 8 to 20 and a burst interval shall be a time period derived from dividing 12 seconds with the number of bursts.

Note 4: If there are multiple pulses within a burst of 1s, the width of each pulse shall be equal and the pulse repetition frequency shall not have any relationships with that for the subsequent pulses of 1.

Note 5: Each item in the table shall consist of any combination of 1.

D. Frequency hopping radar wave test signal

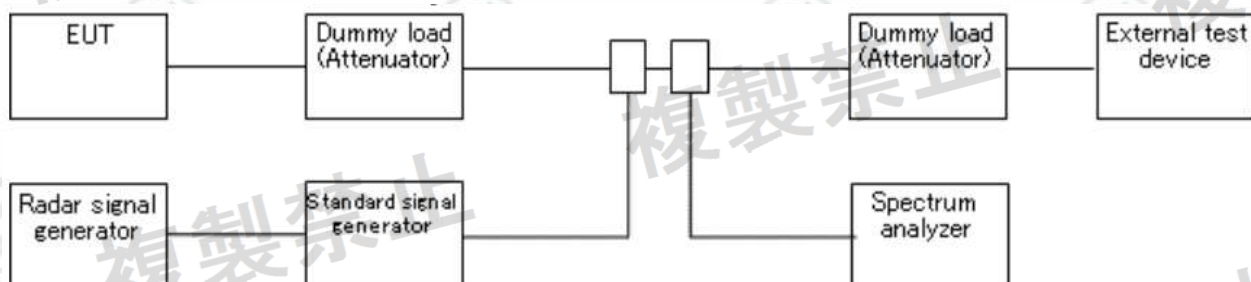
Test signal	Pulse width [μs]	Pulse repetition frequency [Hz]	Number of continuous pulses	Repetition cycle [s]
Hopping	1.0	3,000	9	10.0

Note 1: The hopping frequency shall be any frequency that ranges from 5,250 to 5,724 MHz in increments of 1 MHz.

Note 2: An individual hopping interval shall be 3 ms and a total of all hopping intervals shall be 300 ms.

Note 3: Burst intervals shall be 3ms.

7.3 DFS Test Setup



7.4 Communication Load

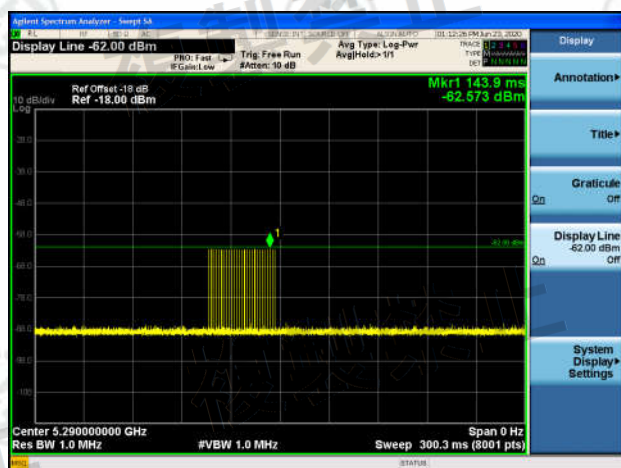
<input checked="" type="checkbox"/>	5250-5350 MHz band: 50% of the maximum signal transmission speed
<input checked="" type="checkbox"/>	5470-5730 MHz Band: 18% of the maximum signal transmission speed

8 DFS test result

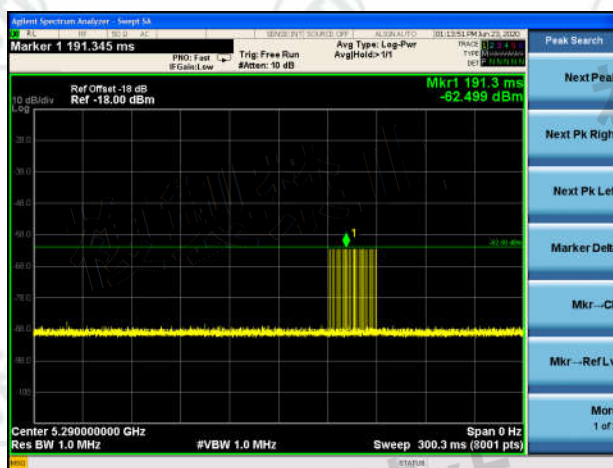
8.1 DFS Detection Threshold levels

Calibration Plots in the 5250-5350 MHz band

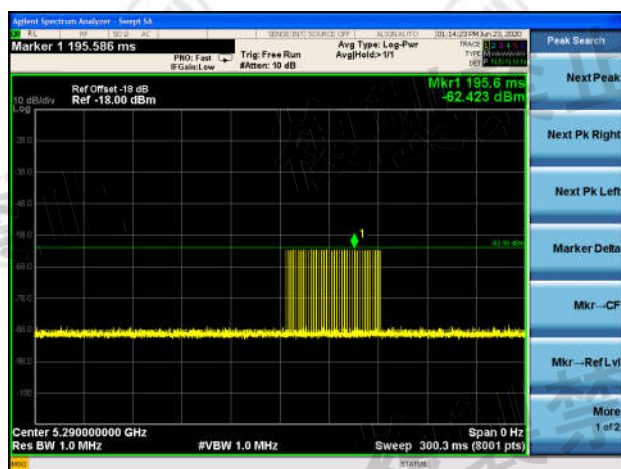
Variable Pulse 1 DFS detection threshold level



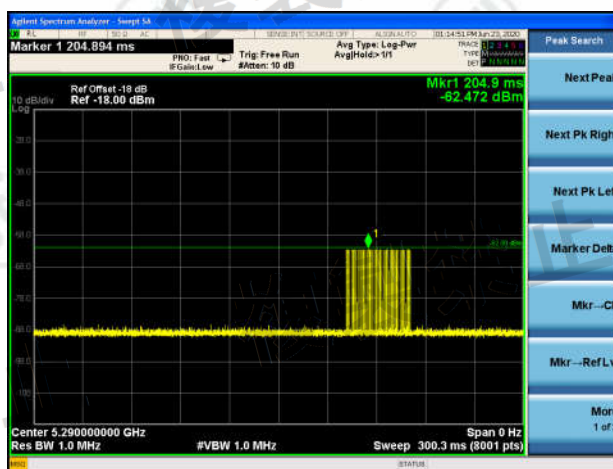
Variable Pulse 2 DFS detection threshold level



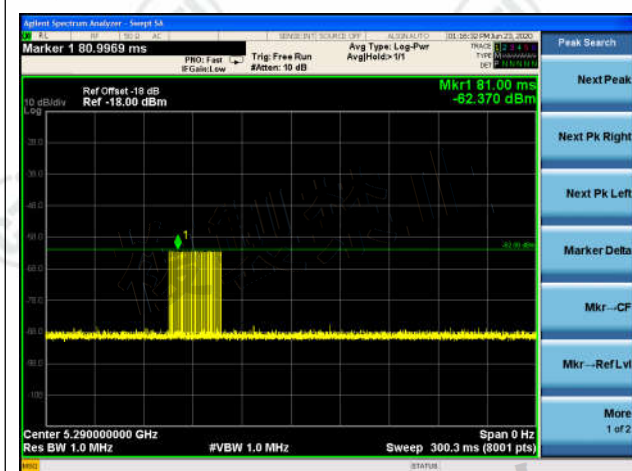
Variable Pulse 3 DFS detection threshold level



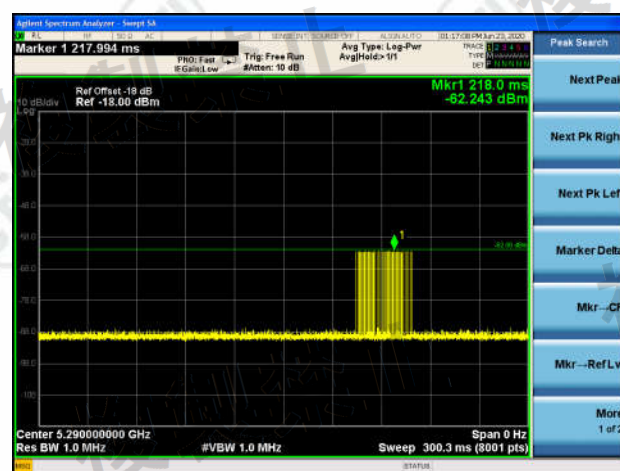
Variable Pulse 4 DFS detection threshold level



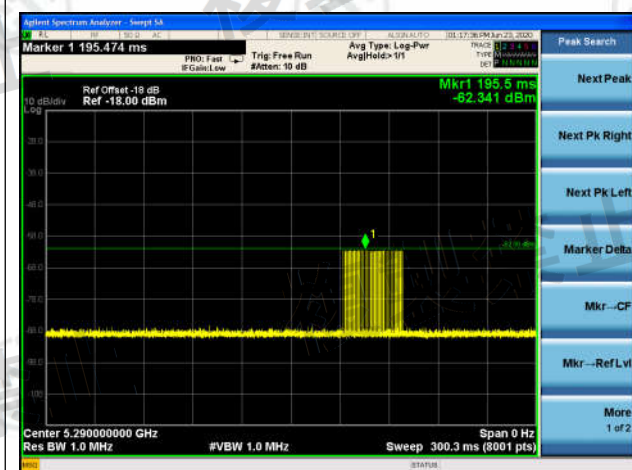
Variable Pulse 5 DFS detection threshold level



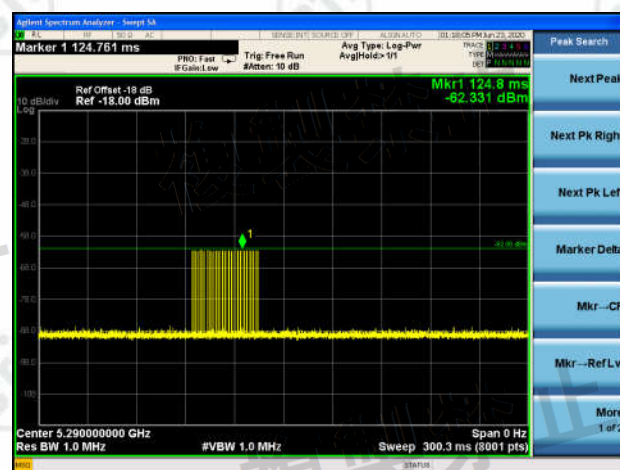
Variable Pulse 6 DFS detection threshold level



Variable Pulse 7 DFS detection threshold level

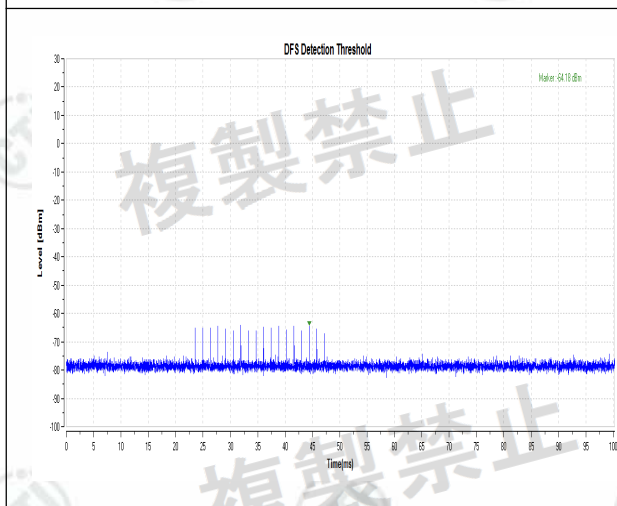


Variable Pulse 8 DFS detection threshold level

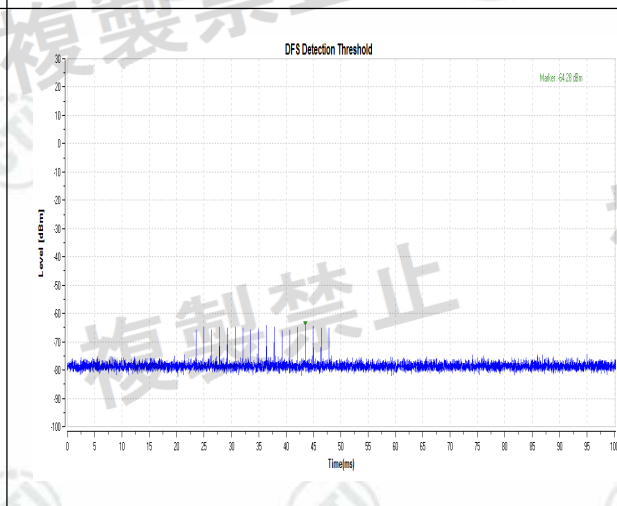


Calibration Plots in the 5470-5730 MHz Band

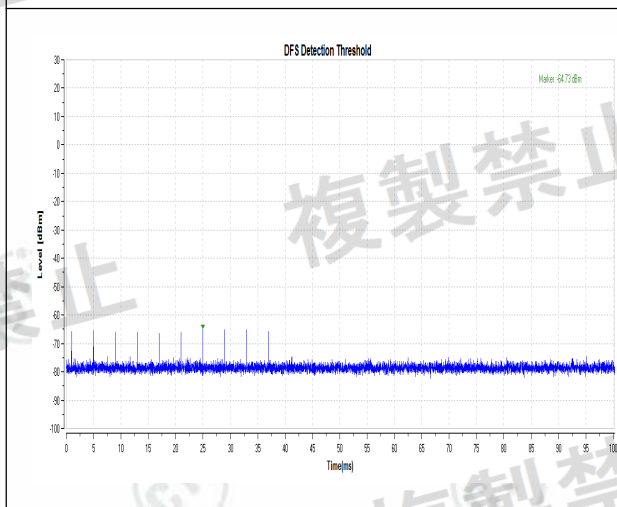
Fixed Pulse 1 DFS detection threshold level



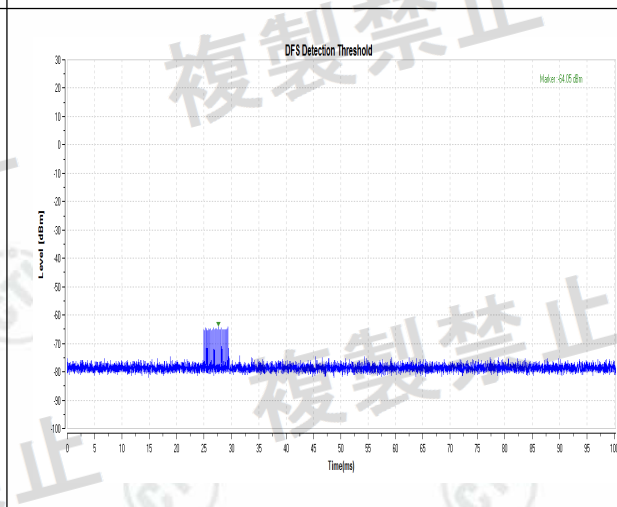
Fixed Pulse 2 DFS detection threshold level

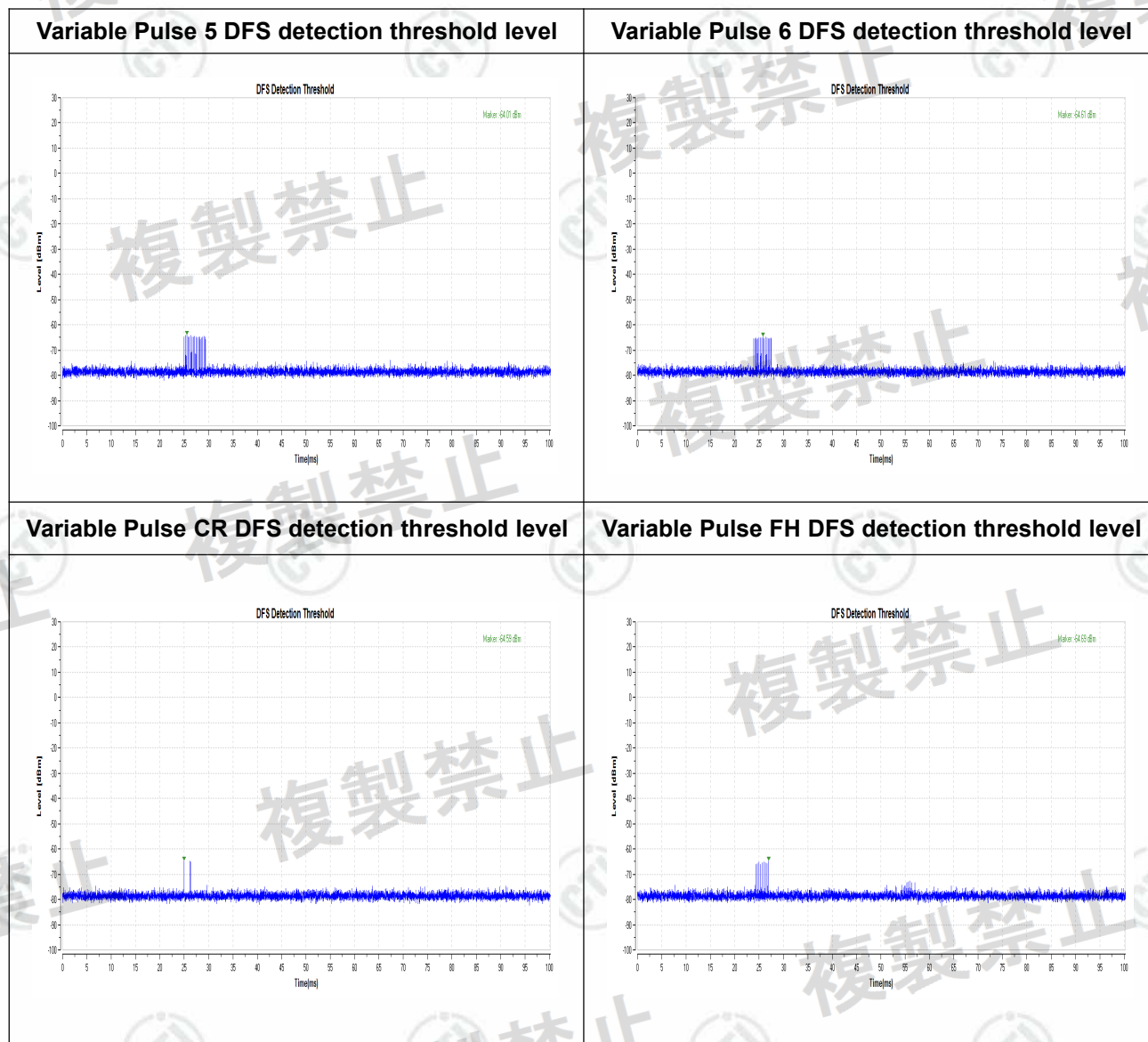


Fixed Pulse 3 DFS detection threshold level



Variable Pulse 4 DFS detection threshold level





8.2 Confirming available channels (CAC)

8.2.1 Confirming available channels Limit

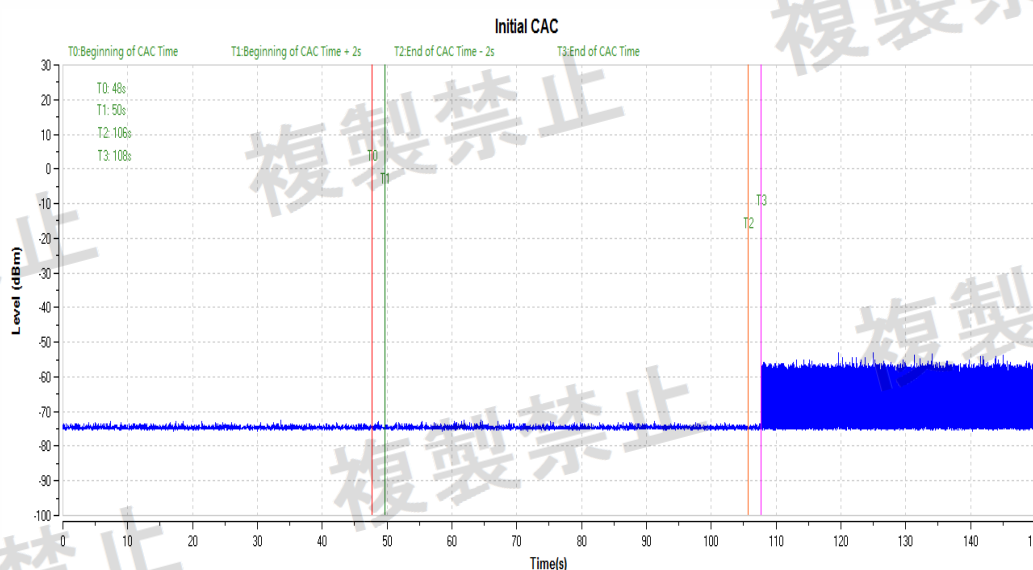
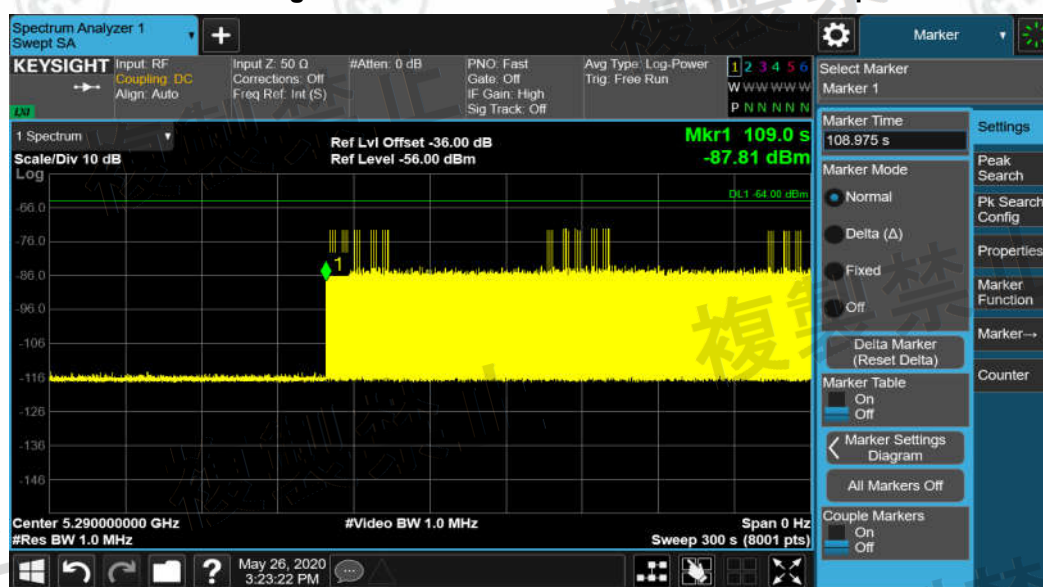
Confirming available channels Limit	
<input checked="" type="checkbox"/>	The EUT shall perform a Confirming available channels to ensure that there is no radar operating on the channel. After power-up sequence, receive at least 1 minute (60 sec) on the intended operating frequency.

8.2.2 Test Result of Confirming available channels

Initial Confirming available channels Result

Result 109S Timing Plot

Complied



Note 1: This test does not use any Radar Waveforms.

Confirming available channels Result

Modulation Mode	Freq. (MHz)	Radar Type Signal	Beginning CAC of Timing of radar burst (sec)	End CAC of Timing of radar burst (sec)	DFS Triggered (Yes/No)
HEW 80+80	5290	Variable Pulse 1	49.24	106.9	Yes
Result			Complied		

Beginning CAC Timing Plot

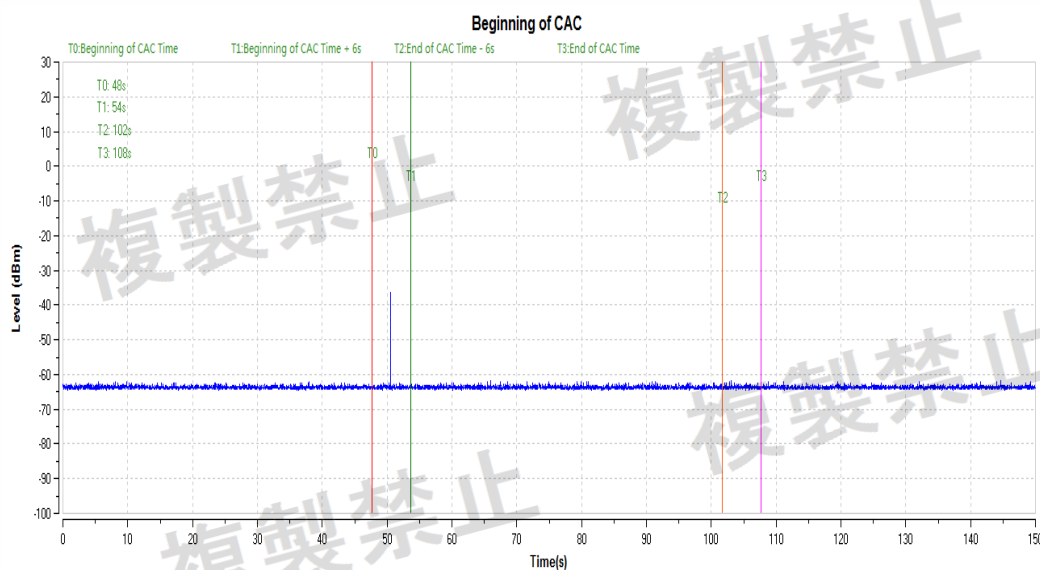


End CAC of Timing Plot

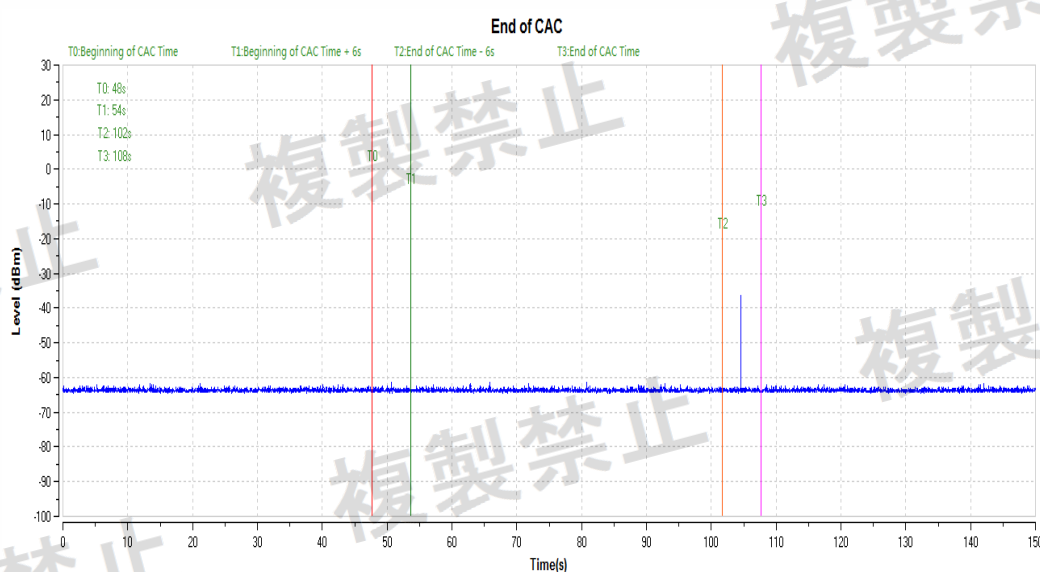


Modulation Mode	Freq. (MHz)	Radar Type Signal	Beginning CAC of Timing of radar burst (sec)	End CAC of Timing of radar burst (sec)	DFS Triggered (Yes/No)
HEW 80+80	5610	Fixed pulse 1	51	105	Yes
Result			Complied		

Beginning CAC Timing Plot



End CAC of Timing Plot



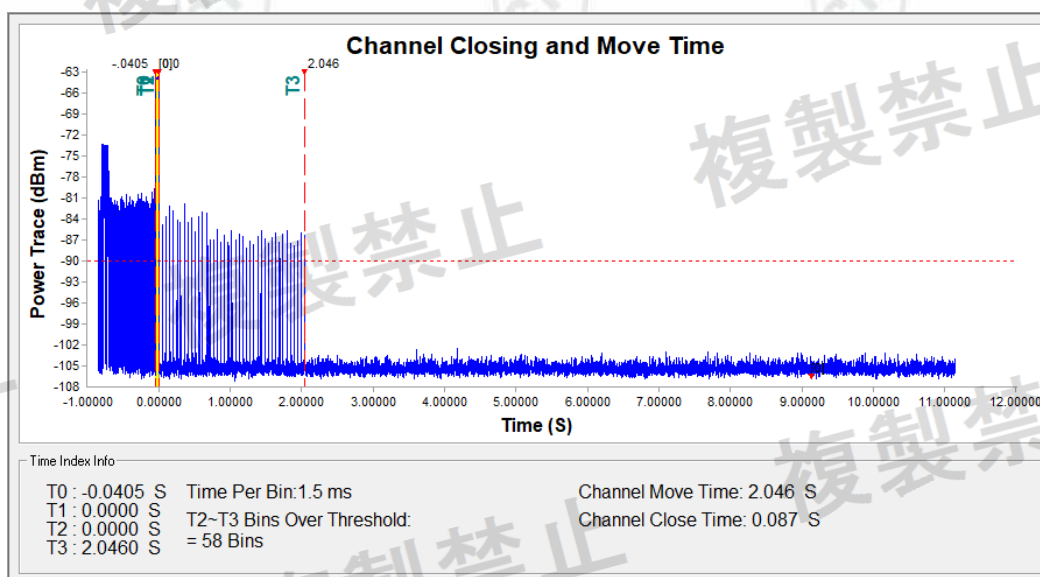
8.3 Monitoring of operating channel

8.3.1 Monitoring of operating channel Limit

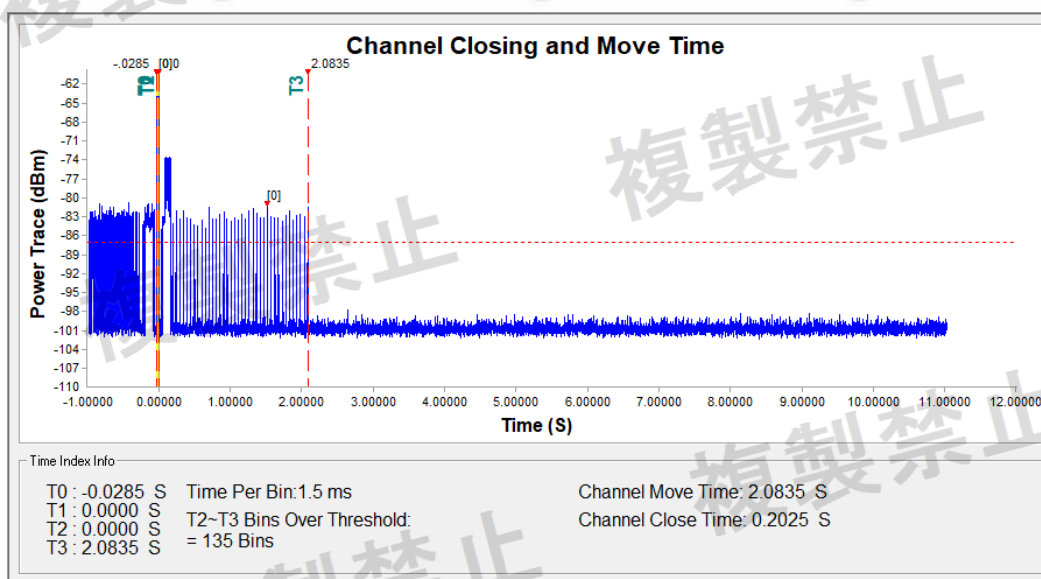
Monitoring of operating channel Limit	
Channel Move Time	10 sec
Channel Closing Transmission Time	260 ms
Non-occupancy period	Minimum 30 minutes

8.3.2 Test Result of Channel Closing Transmission and Channel Move Time

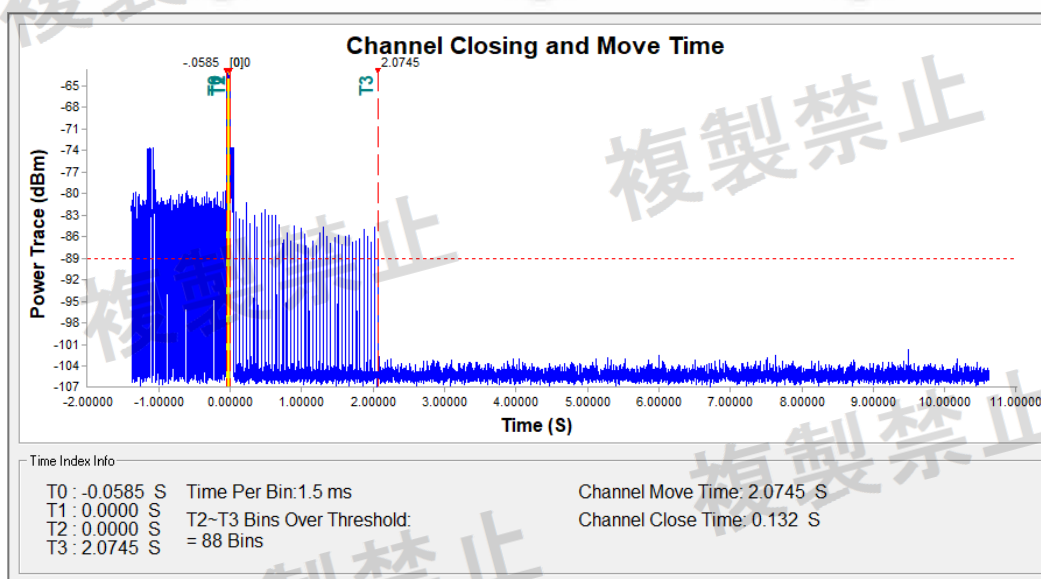
Modulation Mode	Freq. (MHz)	Radar Type	Channel Closing Transmission Time		Channel Move Time	
			Test	Limit	Test	Limit
HEW 80+80	5290	Variable Pulse 1	87ms	260ms	2.046s	10s

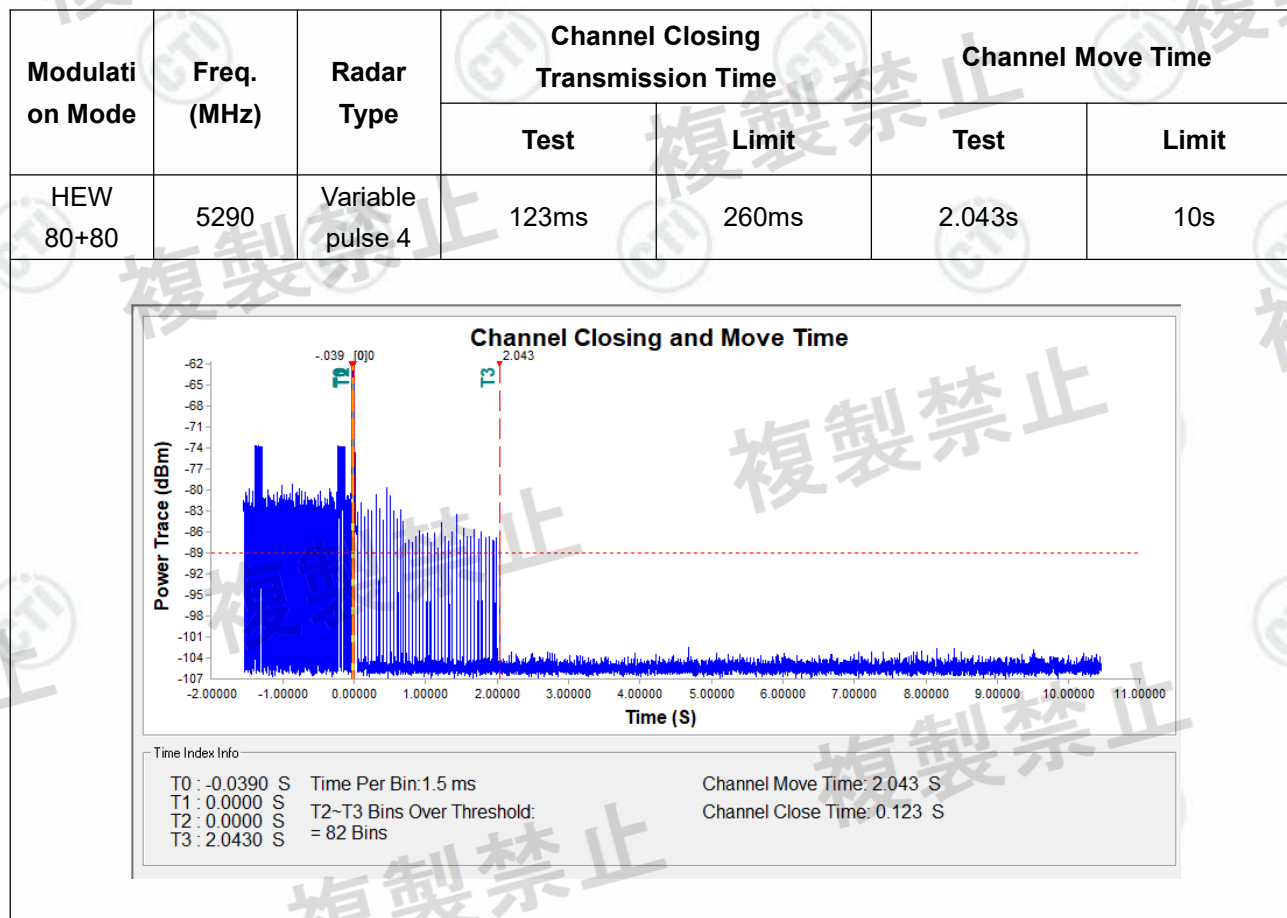


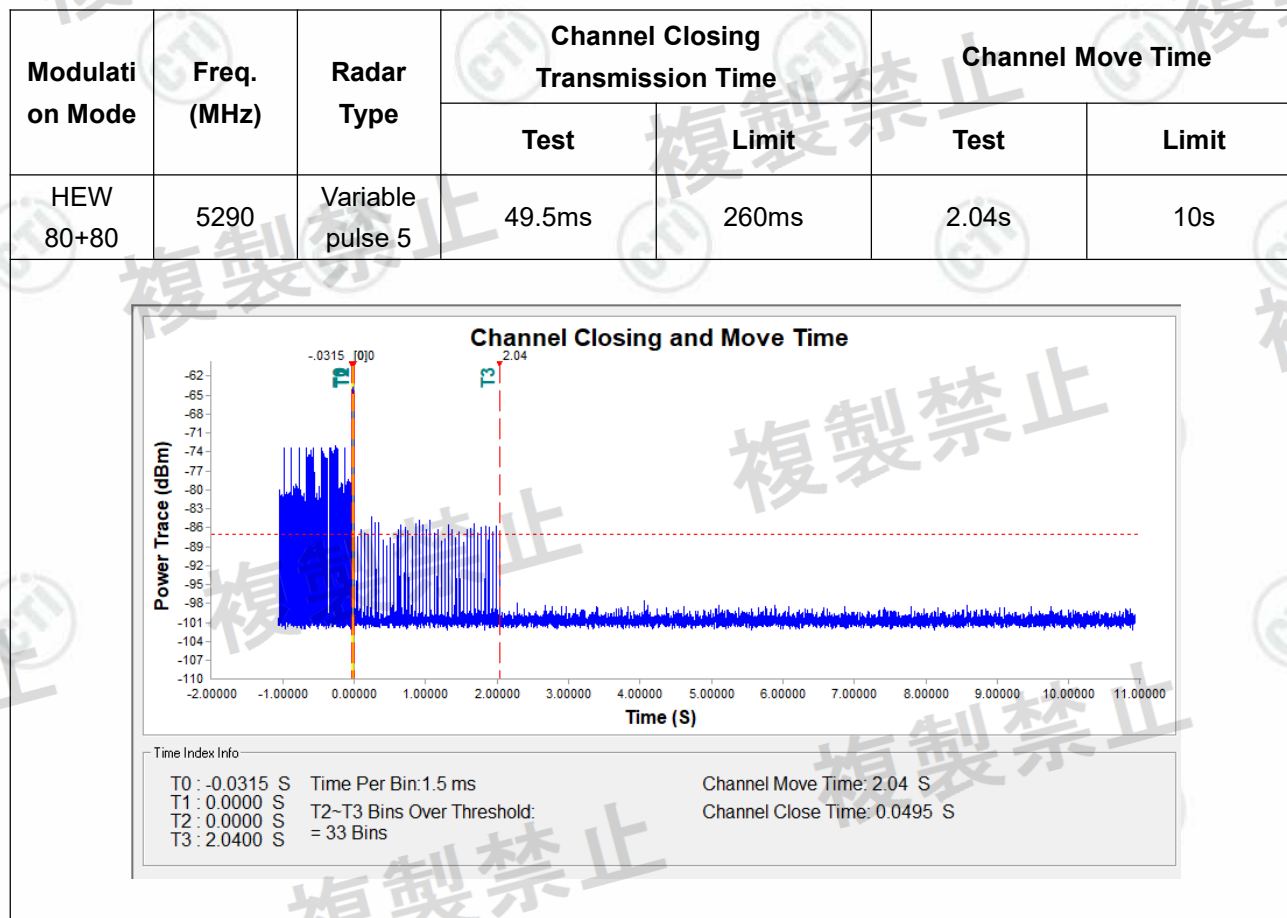
Modulation Mode	Freq. (MHz)	Radar Type	Channel Closing Transmission Time		Channel Move Time	
			Test	Limit	Test	Limit
HEW 80+80	5290	Variable Pulse 2	202.5ms	260ms	2.0835s	10s



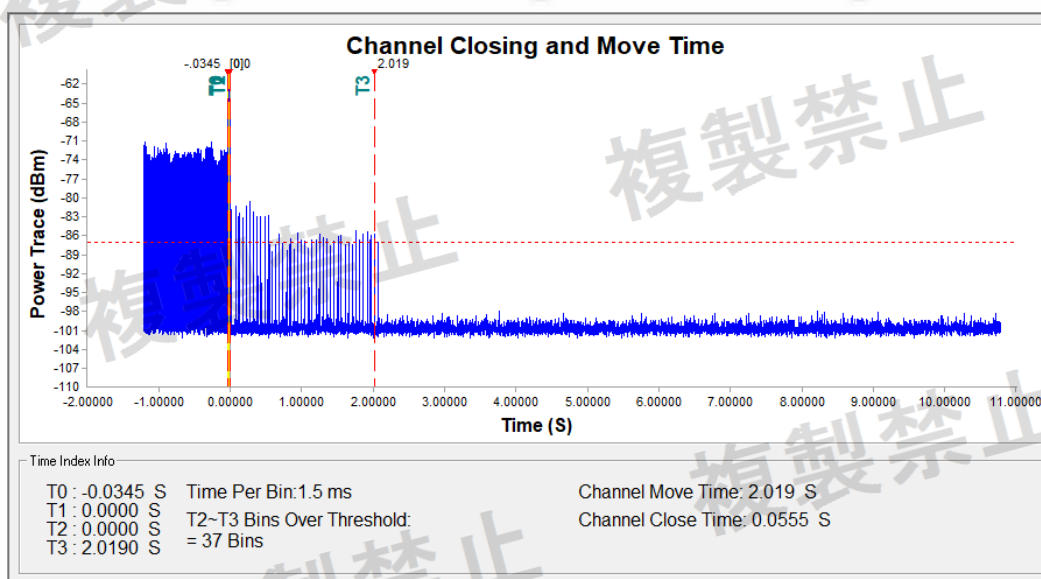
Modulation Mode	Freq. (MHz)	Radar Type	Channel Closing Transmission Time		Channel Move Time	
			Test	Limit	Test	Limit
HEW 80+80	5290	Variable pulse 3	132ms	260ms	2.0745s	10s



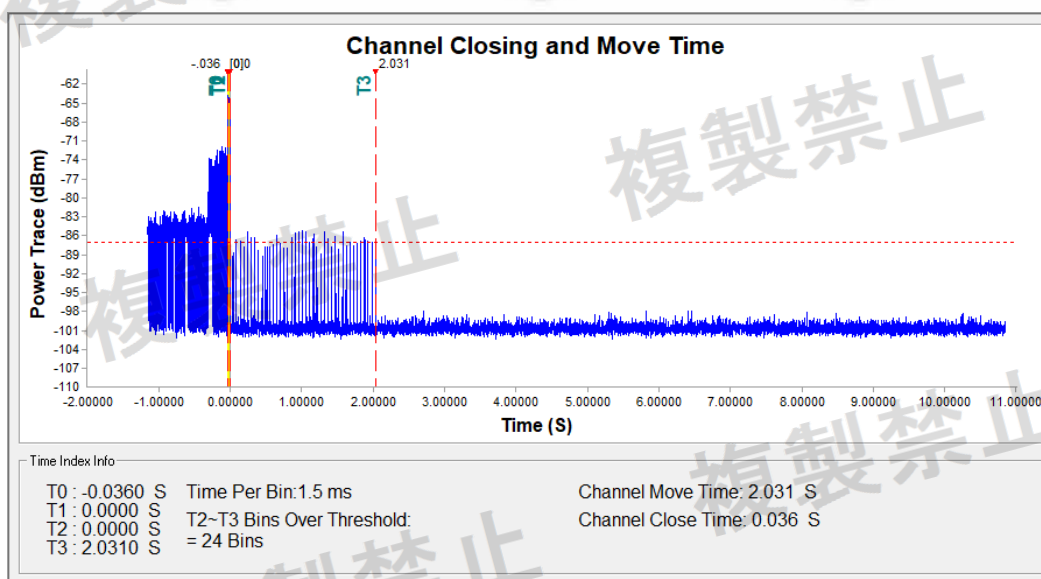




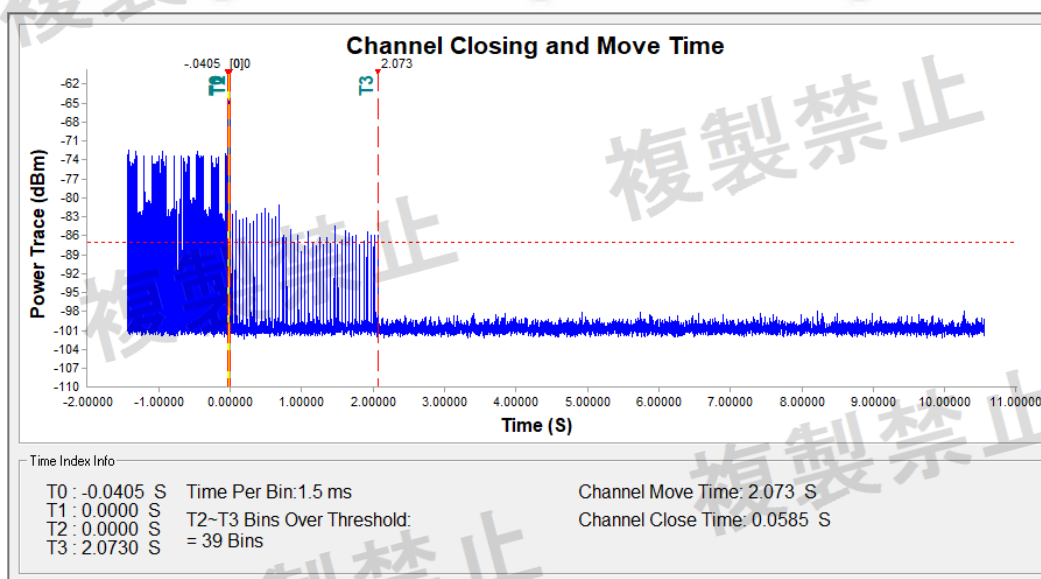
Modulation Mode	Freq. (MHz)	Radar Type	Channel Closing Transmission Time		Channel Move Time	
			Test	Limit	Test	Limit
HEW 80+80	5290	Variable pulse 6	55.5ms	260ms	2.019s	10s

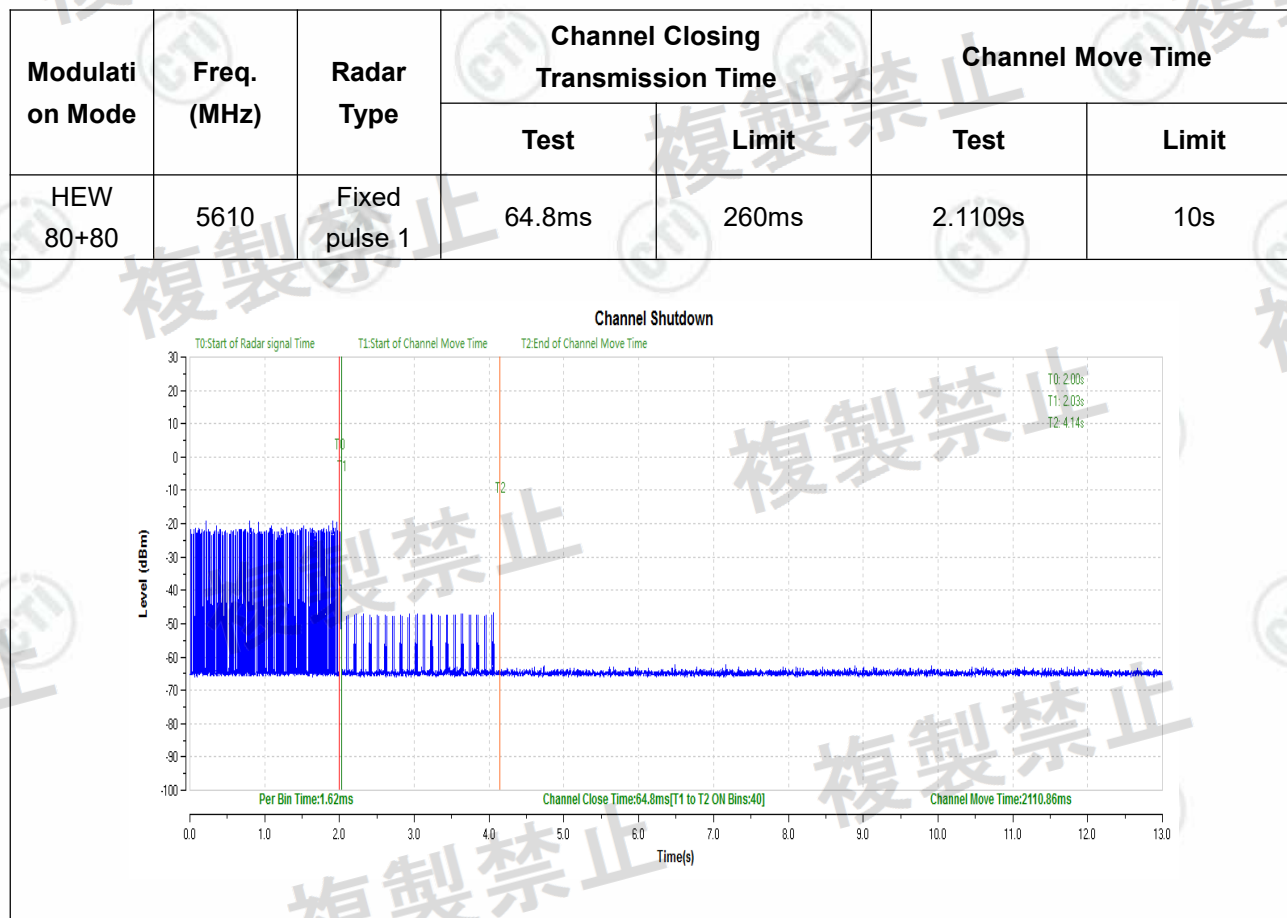


Modulation Mode	Freq. (MHz)	Radar Type	Channel Closing Transmission Time		Channel Move Time	
			Test	Limit	Test	Limit
HEW 80+80	5290	Variable pulse 7	36.0ms	260ms	2.031s	10s

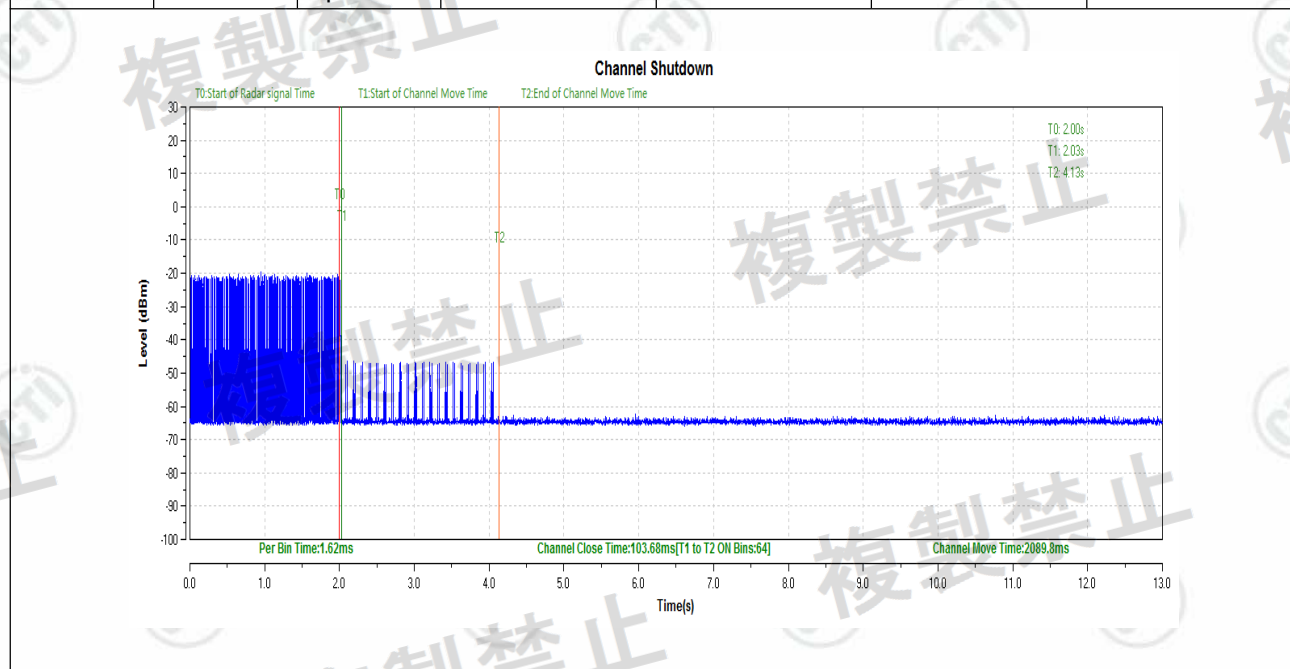


Modulation Mode	Freq. (MHz)	Radar Type	Channel Closing Transmission Time		Channel Move Time	
			Test	Limit	Test	Limit
HEW 80+80	5290	Variable pulse 8	58.5ms	260ms	2.073s	10s

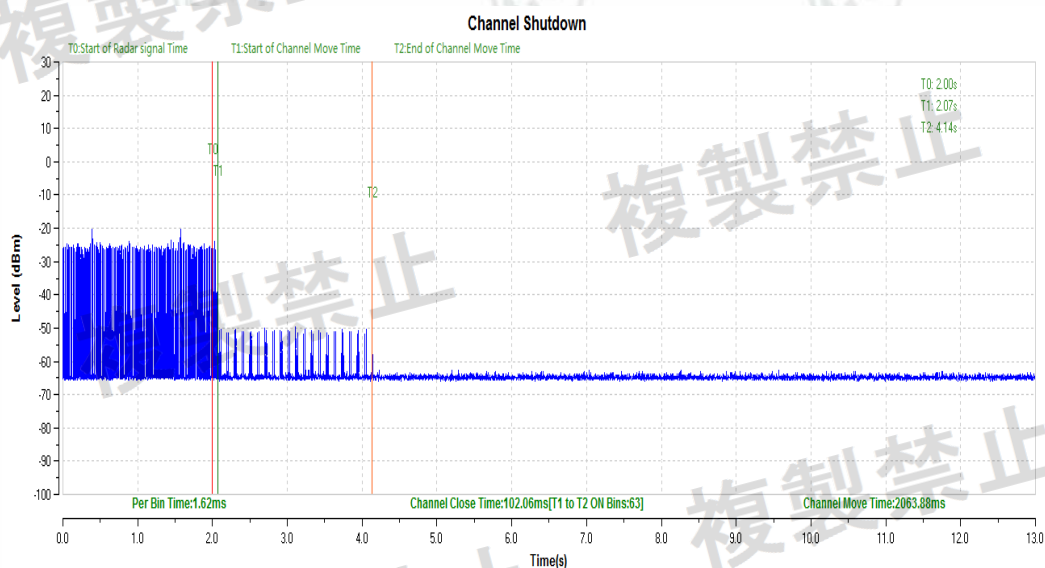




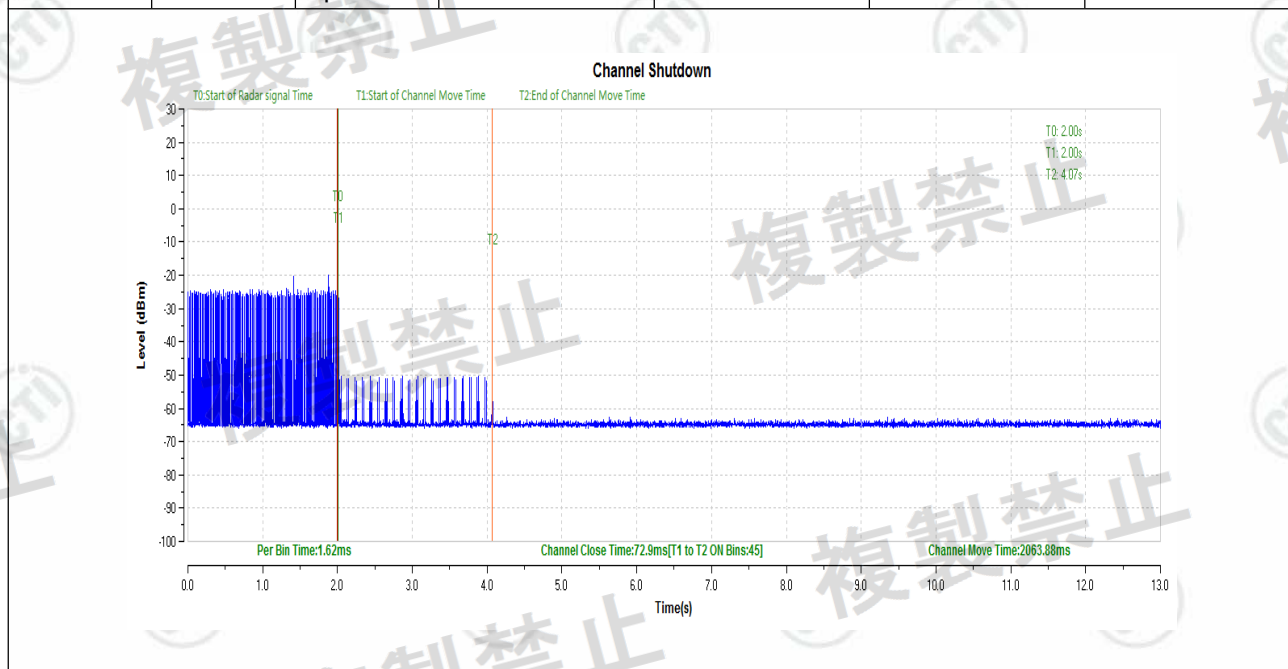
Modulation Mode	Freq. (MHz)	Radar Type	Channel Closing Transmission Time		Channel Move Time	
			Test	Limit	Test	Limit
HEW 80+80	5610	Fixed pulse 2	103.68ms	260ms	2.0898s	10s



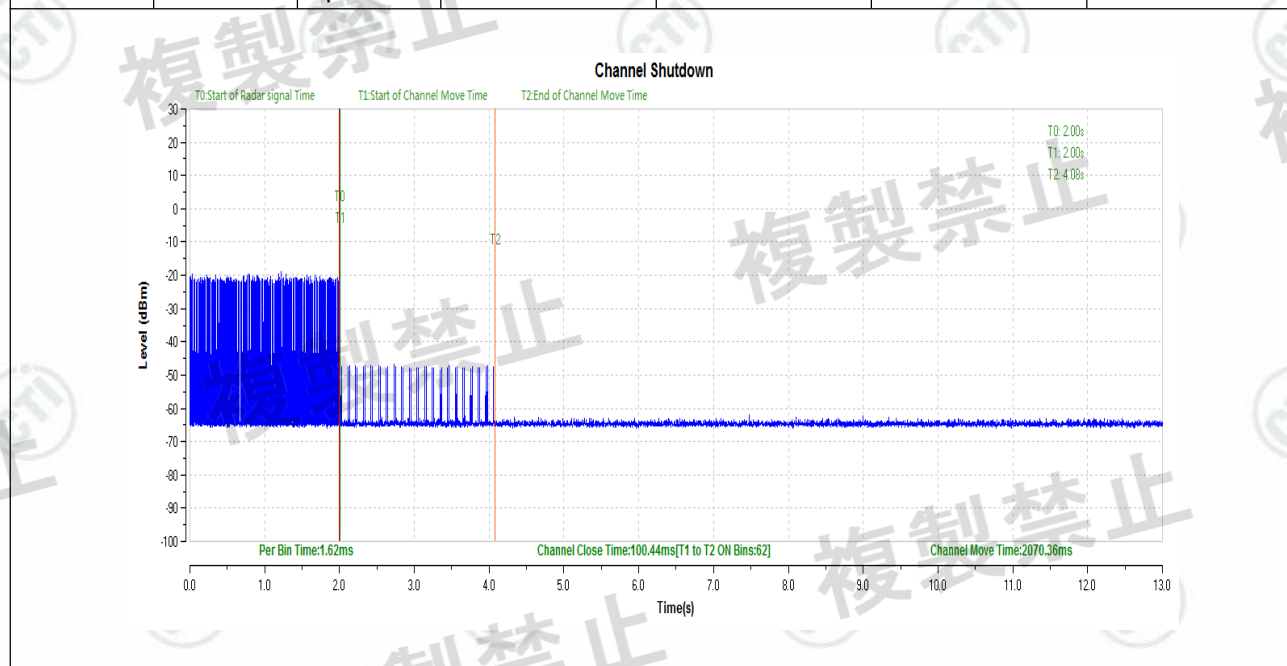
Modulation Mode	Freq. (MHz)	Radar Type	Channel Closing Transmission Time		Channel Move Time	
			Test	Limit	Test	Limit
HEW 80+80	5610	Fixed pulse 3	102.06ms	260ms	2.0639s	10s

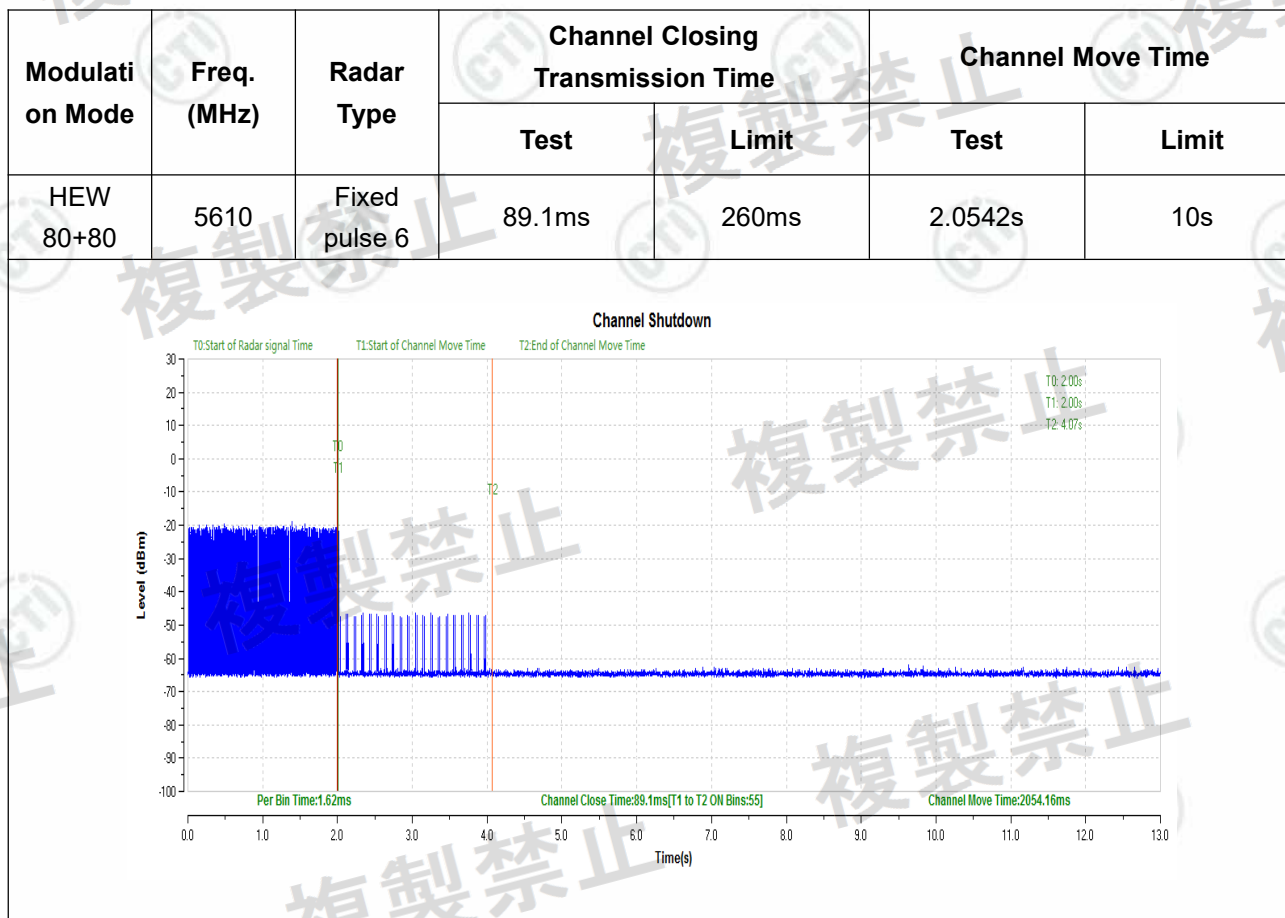


Modulation Mode	Freq. (MHz)	Radar Type	Channel Closing Transmission Time		Channel Move Time	
			Test	Limit	Test	Limit
HEW 80+80	5610	Fixed pulse 4	72.9ms	260ms	2.0639s	10s

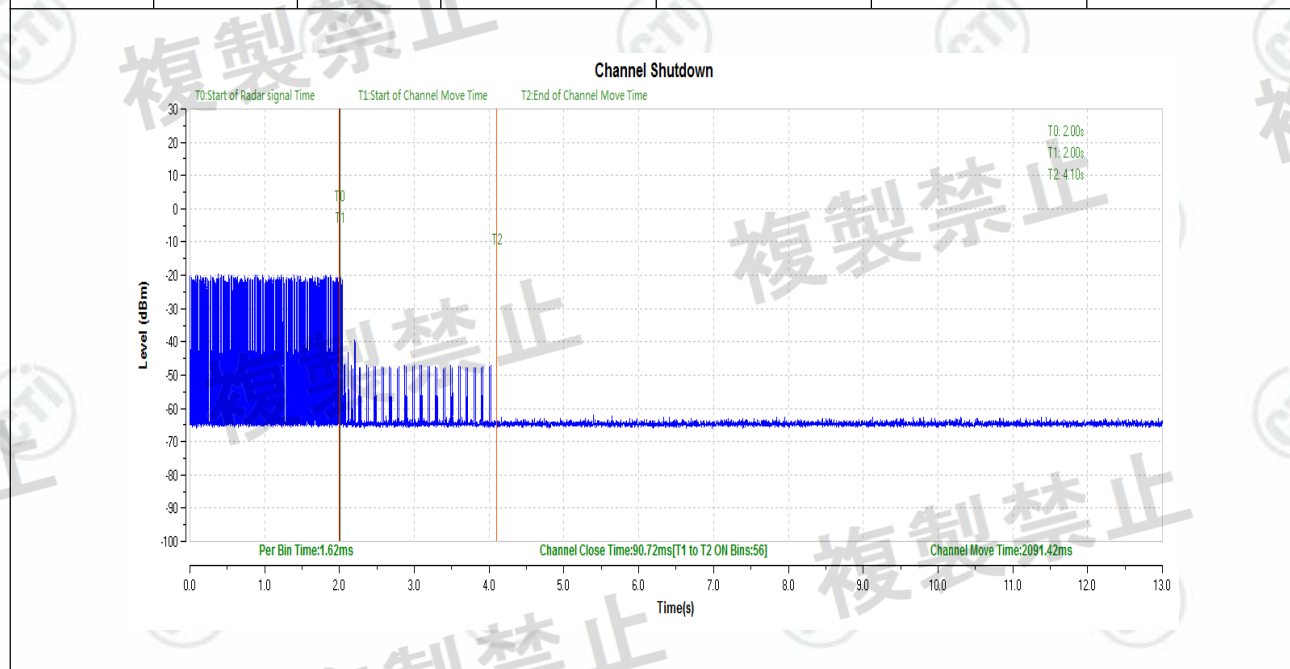


Modulation Mode	Freq. (MHz)	Radar Type	Channel Closing Transmission Time		Channel Move Time	
			Test	Limit	Test	Limit
HEW 80+80	5610	Fixed pulse 5	100.44ms	260ms	2.0704s	10s

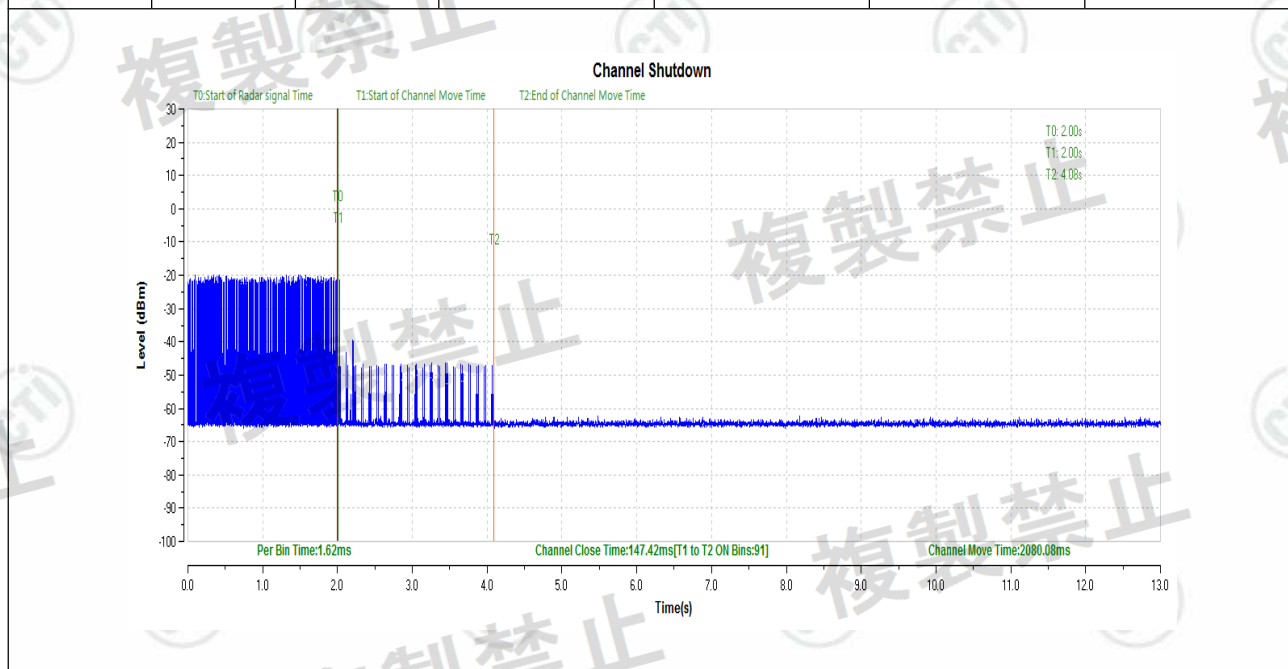




Modulation Mode	Freq. (MHz)	Radar Type	Channel Closing Transmission Time		Channel Move Time	
			Test	Limit	Test	Limit
HEW 80+80	5610	Chirp	90.72ms	260ms	2.0914s	10s



Modulation Mode	Freq. (MHz)	Radar Type	Channel Closing Transmission Time		Channel Move Time	
			Test	Limit	Test	Limit
HEW 80+80	5610	Hopping	147.42ms	260ms	2.0801s	10s



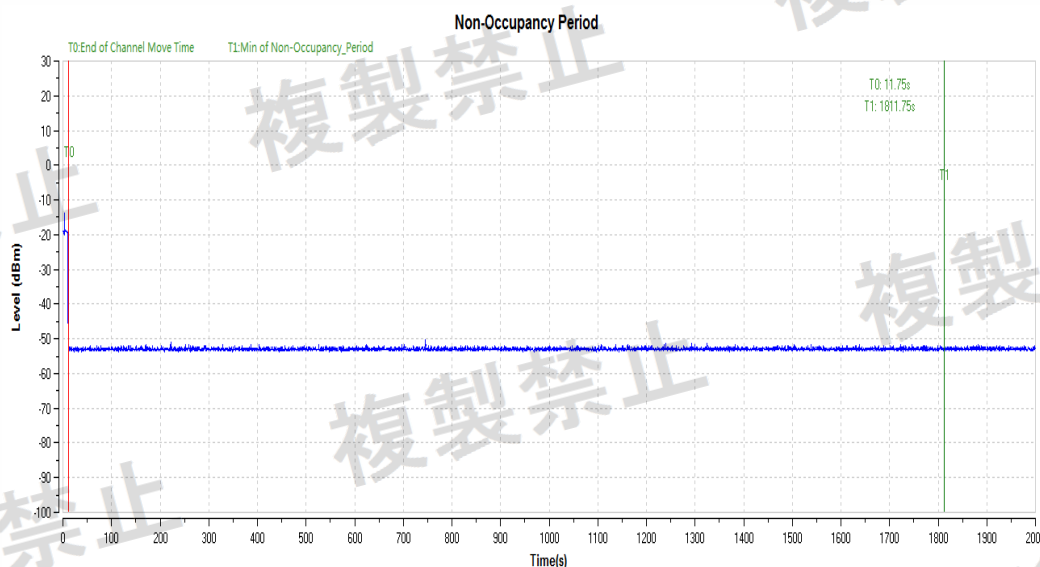
8.3.3 Test Result of Non-Occupancy

Non-Occupancy Period Result

Modulation Mode	Freq. (MHz)	Non-Occupancy Period		
		Measured	Limit	Result
HEW 80+80	5290	>30min	30 min	Complied



Modulation Mode	Freq. (MHz)	Non-Occupancy Period		
		Measured	Limit	Result
HEW 80+80	5610	>30min	30 min	Complied



8.4 Detection Probability Check

8.4.1 Detection Probability Check Limit

Radar Type	Minimum Percentage of Successful Detection (Pd)	Minimum Trials
Fixed pulse 1	60%	20
Fixed pulse 2	60%	20
Fixed pulse 3	60%	20
Variable Pulse 4	60%	20
Variable Pulse 5	60%	20
Variable Pulse 6	60%	20
Chirp	80%	20
Hopping	70%	20

Note: An aggregated probability of the results from "Fixed pulse 1" to "Variable Pulse 6" should be 80% Or more.

8.4.2 Test Result of Detection Probability Check

W53:

Bandwidth	Radar Freq.(MHz)	Test Trail	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6	Type 7	Type 8
80+80MHz	5251	1	1	1	1	0	1	1	0	1
	5251	2	0	0	1	1	1	1	1	1
	5260	3	1	1	0	1	1	1	1	1
	5260	4	1	1	1	1	1	1	1	1
	5270	5	1	1	1	1	1	1	1	1
	5270	6	1	1	0	1	1	1	1	1
	5280	7	1	0	1	1	1	1	1	1
	5280	8	1	1	1	1	1	1	1	1
	5290	9	1	1	0	1	1	1	0	1
	5290	10	1	1	1	1	1	1	1	1
	5290	11	0	0	1	0	1	1	1	1
	5290	12	1	1	1	1	1	1	1	1
	5300	13	1	1	0	1	1	0	1	1
	5300	14	1	1	1	1	1	1	1	1
	5310	15	1	1	1	1	1	0	1	1
	5310	16	1	1	0	1	1	1	1	1
	5320	17	0	1	1	1	1	1	1	1
	5320	18	1	1	1	1	1	1	1	1
	5329	19	1	1	1	1	0	1	1	0
	5329	20	1	1	0	1	1	1	1	1
Detection Percentage			85%	90%	70%	90%	95%	90%	90%	95%
Limit			60%	60%	60%	60%	60%	60%	60%	60%
Result			Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

Bandwidth	Radar Freq.(MHz)	Test Trail	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6	
80+80MHz	5560	1	1	1	1	1	1	1	1
	5560	2	1	1	1	0	1	0	1
	5560	3	1	1	1	1	0	1	0
	5640	4	1	1	1	1	1	1	1
	5640	5	1	1	1	0	1	0	0
	5640	6	1	1	1	1	0	1	0
	5570	7	1	1	1	1	1	0	1
	5570	8	1	1	1	0	1	1	0
	5580	9	1	1	1	1	1	1	1
	5580	10	1	1	1	1	1	1	1
	5590	11	1	1	1	1	1	0	1
	5590	12	1	1	1	1	1	1	0
	5600	13	1	1	1	1	1	1	1
	5600	14	1	1	1	1	0	1	0
	5610	15	1	1	1	1	1	0	1
	5610	16	1	1	1	1	1	1	0
	5620	17	1	1	1	1	1	1	1
	5620	18	1	1	1	1	1	0	1
	5630	19	1	1	1	1	1	1	0
	5630	20	1	1	1	1	1	0	1
Detection Percentage			100%	100%	100%	85%	85%	62.50%	
Limit			60%	60%	60%	60%	60%	60%	
Result			Pass	Pass	Pass	Pass	Pass	Pass	
Aggregate (100% + 100% + 100% + 85%+ 85% + 62.5%)/6 =88.75%									

Bandwidth	Radar Freq.(MHz)	Chirp	Hopping
80+80MHz	5560	1	1
	5560	1	0
	5560	1	1
	5640	1	1
	5640	1	1
	5640	1	1
	5570	1	1
	5570	1	1
	5580	1	1
	5580	1	1
	5590	1	1
	5590	1	1
	5600	1	1
	5600	1	1
	5610	1	0
	5610	1	1
	5620	1	1
	5620	1	1
	5630	1	1
	5630	1	1
Detection Percentage		100%	90%
Limit		80%	70%
Result		Pass	Pass

9 Photographs

9.1 EUT Constructional Details

Refer to Report No. EED32M00044101 for EUT external and internal photos.

*** End of Report ***

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