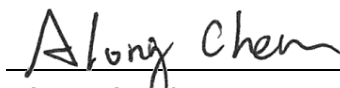


FCC Spot Check Test Report

FCC ID : 2AU6R04459
Equipment : 802.11ax (WiFi 6) Dual-Radio Outdoor PoE
Wireless Bridge
Model No. : NWA55AX PTP
Brand Name : ZYXEL
Applicant : Zyxel Networks Corporation
Address : No.2 Industry East RD. IX, Hsinchu Science
Park, Hsinchu 30075, Taiwan, R.O.C
Standard : 47 CFR FCC Part 15.407
Received Date : Jan. 20, 2026
Tested Date : May 20 ~ May 21, 2026

We, International Certification Corporation, would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:


Along Chen / Manager

Approved by:


Gary Chang / Manager

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Release Record

Report No.	Version	Description	Issued Date
FZ612001	Rev. 01	Initial issue	May 26, 2026

Summary of Test Results

FCC Rules		Description of Test	Result
FCC 15.407	KDB 905462 D02	Percentage of Successful Detection	Pass

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Information

1.1.1 Specification of the Equipment under Test (EUT)

Frequency Range (GHz)	5.15~5.25, 5.25~5.35, 5.47~5.725, 5.725~5.85
Wireless Function	11a / HT20 / HT40 / VHT20 / VHT40 / VHT80 / VHT160 / HE20 / HE40 / HE80 / HE160
TDWR band(5600-5650MHz)	☒ Supported ☐ Not Supported
Operating Mode at DFS Band	Master
Firmware / Software Version	V7.10(5)b4.4 / 2026-03-16 01:46:51

1.1.2 Antenna Details

Brand	Model	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)			
				5150~5250	5250~5350	5470~5725	5725~5850
Lynwave	Ant. 1	Patch	iPex	9.87	9.87	9.74	9.39
Lynwave	Ant. 2	Patch	iPex	9.59	9.59	9.7	9.17

Note: Lowest gain antenna is selected for DFS test.

1.1.3 Accessories

Accessories		
No.	Equipment	Description
1	PoE	Brand: RISUNIC Model: RP024W01-4800500YE I/P: 100-240Vac, 50/60Hz, 0.6A O/P: 48Vdc, 0.5A, 24W Power Line: 0.6m non-shielded without core

1.1.4 Highest and Possible Lowest Power Level

Non-beamforming mode

Highest Power Level and Possible Lowest Power Level				
Frequency Band	Highest RF Output Power (dBm)	Highest EIRP (dBm)	Lowest RF Output Power (dBm)	Lowest EIRP (dBm)
5.3G	20.02	29.75	14.02	23.75
5.6G	20.14	29.86	14.14	23.86

Beamforming mode

Highest Power Level and Possible Lowest Power Level				
Frequency Band	Highest RF Output Power (dBm)	Highest EIRP (dBm)	Lowest RF Output Power (dBm)	Lowest EIRP (dBm)
5.3G	17.01	26.74	11.01	20.74
5.6G	17.13	26.85	11.13	20.85

1.2 Support Equipment List

Support Equipment List				
No.	Equipment	Brand Name	Model Name	Remark
1	Laptop	DELL	LATITUDE-E6430	SN:9ZFB4X1
2	Wireless Card	Intel	BE200NGW	FCC ID : PD9BE200NG

1.3 The Equipment List

Test Site	DF01-WS				
Tested Date	May 20 ~ May 21, 2026				
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV7	101607	Feb. 06, 2026	Feb. 05, 2027
RF Cable-8M	HUBER+SUHNER	SUCOFLEX_104	22601/4	Oct. 09, 2025	Oct. 08, 2026
RF CABLE	woken	woken-S05	S/N:S05-141231-102	Oct. 09, 2025	Oct. 08, 2026
RF CABLE	woken	woken-S05	S/N:S05-141231-105	Oct. 09, 2025	Oct. 08, 2026
RF CABLE	woken	woken-S05	S/N:S05-141231-106	Oct. 09, 2025	Oct. 08, 2026
RF CABLE	woken	woken-S05	S/N:S05-141231-108	Oct. 09, 2025	Oct. 08, 2026
Vector signal generator	R&S	SMW200A	109619	Aug. 04, 2025	Aug. 03, 2026
Combiner(1X2)	WOKEN	2WAYDIV	12101200003	Oct. 11, 2025	Oct. 10, 2026
Combiner(1X2)	WOKEN	0120A02201801O	DOM2AEW1A22	Oct. 11, 2025	Oct. 10, 2026
Combiner(1X2)	WOKEN	0120A02201801O	DOM2AEW1A23	Oct. 11, 2025	Oct. 10, 2026
Combiner(1X3)	MCLI	PS3-7	24940	Oct. 09, 2025	Oct. 08, 2026
Attenuator	woken	PE7013-10	10-1	Oct. 11, 2025	Oct. 10, 2026
Attenuator	woken	PE7013-10	10-2	Oct. 11, 2025	Oct. 10, 2026
Attenuator	woken	PE7013-20	20-1	Oct. 11, 2025	Oct. 10, 2026
30dB Attenuator	MVE	MVE2462-30	16050401	Oct. 09, 2025	Oct. 08, 2026
Measurement Software	ICC	DFS	V1.3.30	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.4 Testing Condition

Test Item	Test Site	Ambient Condition	Tested By
DFS	DF01-WS	22°C / 67%	Jack Li

- FCC Designation No.: TW2732
- FCC site registration No.: 181692
- ISSED#: 10807A
- CAB identifier: TW2732

1.5 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	DF01-WS
Address of Test Site	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

1.6 Test Standards

47 CFR FCC Part 15.407
 FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02
 FCC KDB 905462 D04 Operational Modes for DFS Testing v01
 FCC KDB 905462 D06 802 11 Channel Plans New Rules v02

1.7 Deviation from Test Standard and Measurement Procedure

None

1.8 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)).

Measurement Uncertainty	
Parameters	Uncertainty
Time	±0.1%

1.9 Referencing Test Data

The variant model (FCC ID: 2AU6R04459) references the test data of parent model (FCC ID: 2AU6R04457). Both FCC IDs utilize the identical PCB design. The key differences between them lie in the antennas employed and the removal of 2.4 GHz components.

Parent Device	Model:	NWA55AX PRO	FCC ID:	2AU6R04457
Variant Device	Model:	NWA55AX PTP	FCC ID:	2AU6R04459

Applicant takes full responsibility that the test data as referenced below represents compliance for the FCC ID: 2AU6R04459.

1.10 Spot Check Verification Data

Percentage of Successful Detection (%)			
Mode	Radar Type	FCC ID: 2AU6R04457	FCC ID: 2AU6R04459
802.11ax / 160 MHz Bandwidth: 5570 MHz	1	100	100
	2	93.33	100
	3	93.33	90
	4	96.67	100
	5	100	100
	6	100	100

Spot check is performed under 10 trails and 6 radar types for the 160 MHz bandwidth: 5570 MHz. Detail test results are recorded in section 3.2

1.11 Reference

FCC Test Requirements	Reference FCC ID	Type Grant	Reference Report No.
15.407, DFS	2AU6R04457	Original	FZ620305

2 Technical Requirements for DFS

2.1 Applicability of DFS Requirements

2.1.1 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

2.1.2 Applicability of DFS Requirements during Normal Operation

Requirement	Operational Mode	
	Master or Client With Radar Detection	Client Without Radar Detection
DFS Detection Threshold	Yes	Not required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required

Additional requirements for devices with multiple bandwidth modes	Operational Mode	
	Master or Client With Radar Detection	Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required
Note: Frequencies selected for statistical performance check should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in all 20 MHz channel blocks and a null frequencies between the bonded 20 MHz channel blocks.		

2.2 DFS Detection Thresholds and Response Requirement

Below table provides the DFS Detection Thresholds for Master Devices as well as Client Devices incorporating In-Service Monitoring.

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 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm / MHz	-62 dBm
EIRP < 200 milliwatt and 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.

DFS Response Requirement Values

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

2.3 Radar Test Waveforms

This section provides the parameters for required test waveforms, minimum percentage of successful detections, and the minimum number of trials that must be used for determining DFS conformance. Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test waveforms.

2.3.1 Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note1	See Note1
1		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	$\text{Roundup} \left\{ \left(\frac{1}{360} \right), \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120
Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.					

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.

Pulse Repetition Intervals Values for Test A

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

2.3.2 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.

2.3.3 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

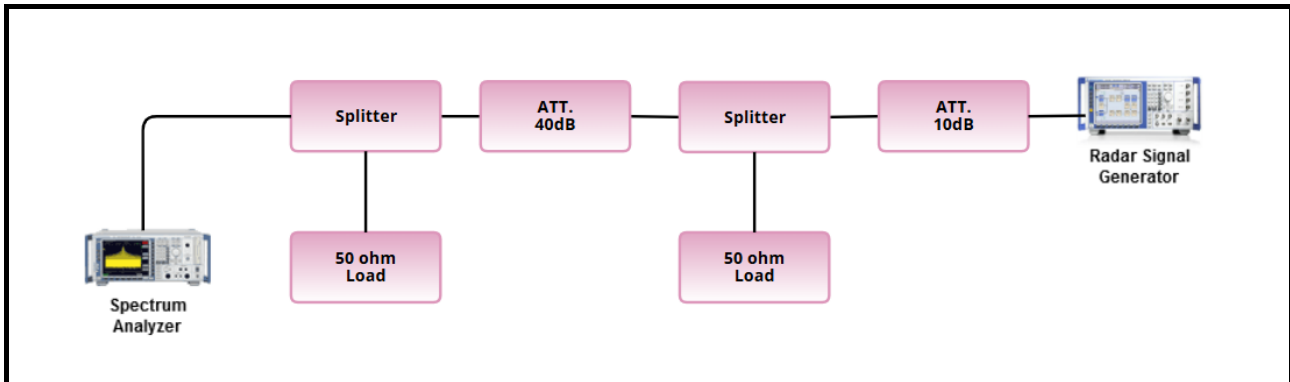
For the Frequency Hopping Radar Type, the same *Burst* parameters are used for each waveform. The hopping sequence is different for each waveform and a 100-length segment is selected from the hopping sequence defined by the following algorithm:

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

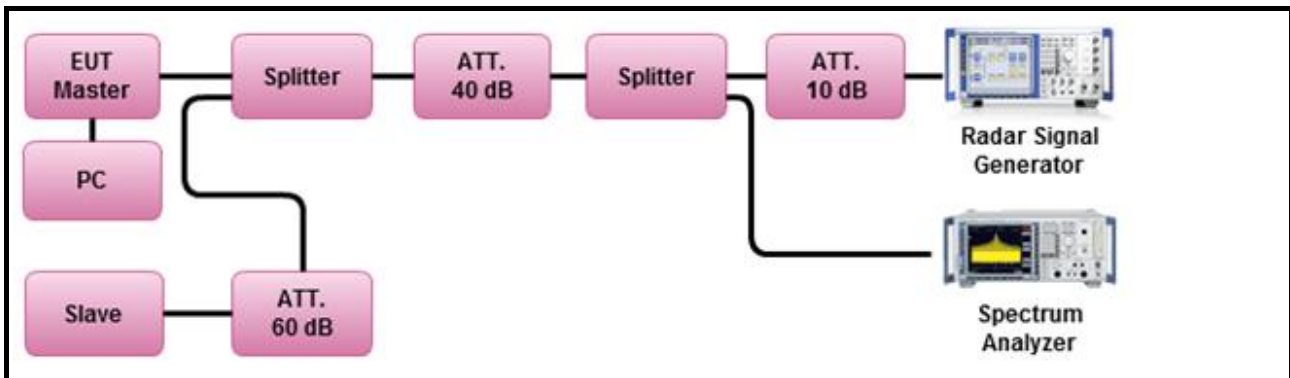
2.3.4 Radar waveform generation

A Vector Signal Generator is used for the DFS signal generation. This instrument is capable of generating all the above waveforms with Pulse Sequencer Software. The R&S Pulse Sequencer Software comes as a stand-alone PC based software with preconfigured project files for DFS. It simplifies the generation of all required waveforms and offers a one box solution

2.3.5 Calibration Setup for DFS Detection Threshold levels



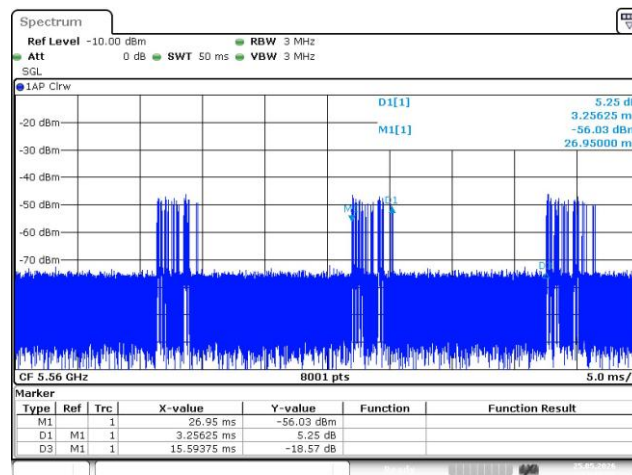
2.3.6 DFS Test Setup

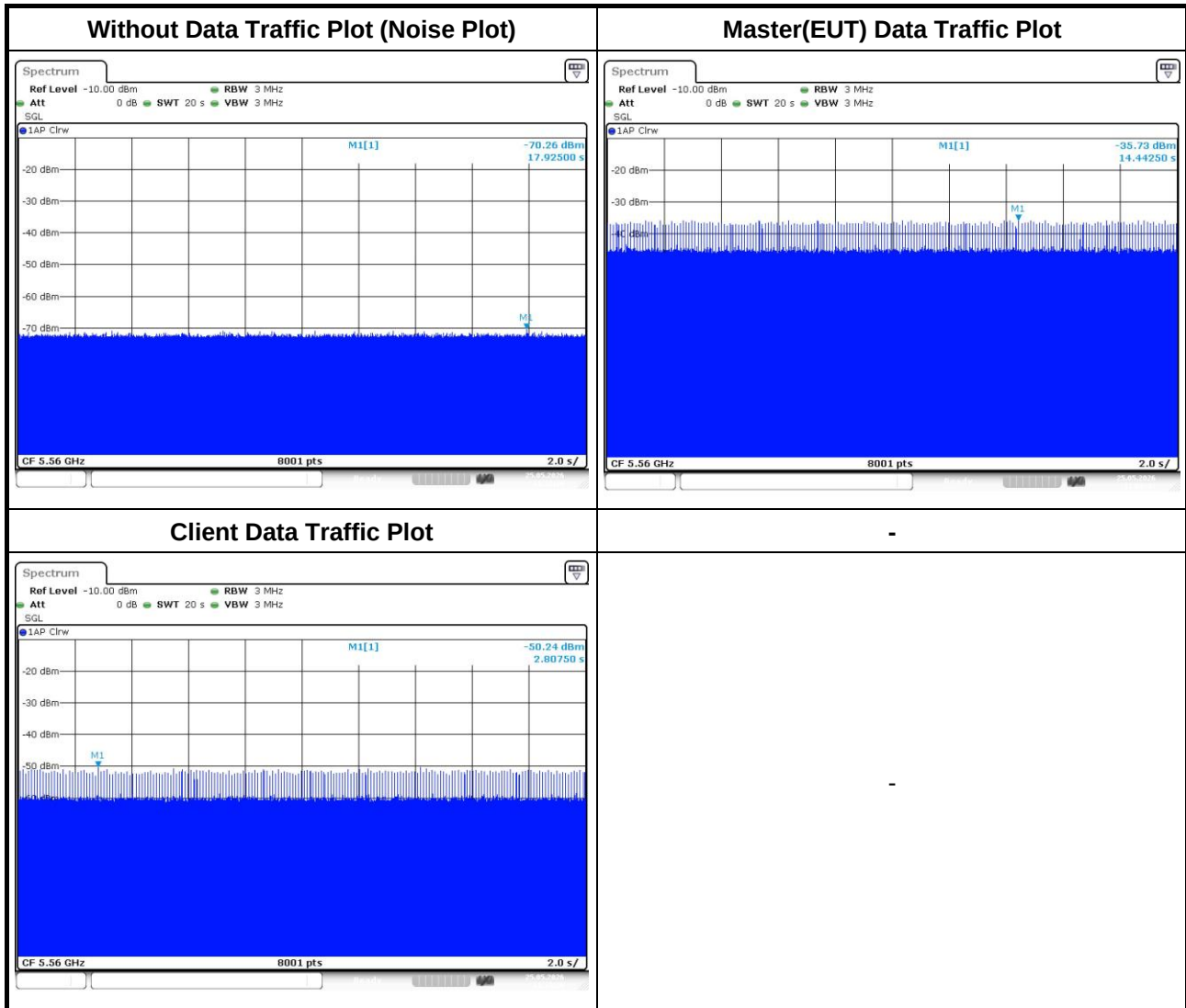


2.3.7 Channel Loading/Data Streaming

- ☒ IP Based (Load Based) - stream the test file from the Master to the Client.
- ☐ The data file must be of a type that is typical for the device (i.e., MPEG-2, MPEG-4, WAV, MP3, MP4, AVI, etc.) and must generally be transmitting in a streaming mode.
- ☒ Minimum channel loading of approximately 17 %

HE160 Channel Loading: 20.88 %

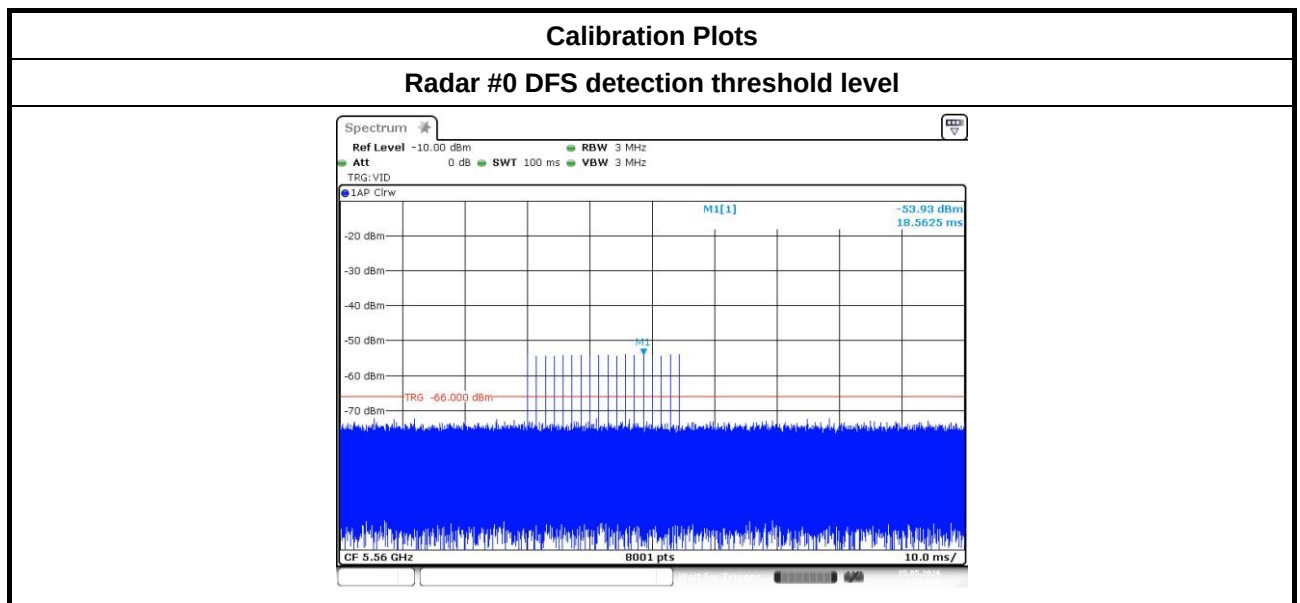




3 DFS Test Results

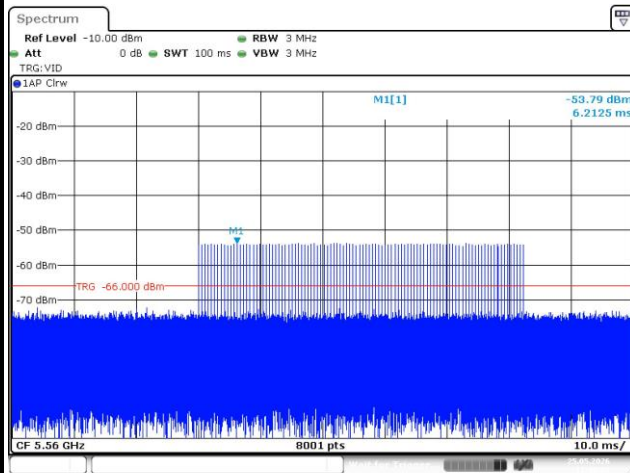
3.1 DFS Detection Threshold levels

Master DFS Threshold Level
DFS Threshold level: -53.41 dBm
The Interference Radar Detection Threshold Level is $(-64\text{dBm}) + (9.59\text{dBi})(\text{min gain}) + (1) = -53.41 \text{ dBm}$. That had been taken into account the master output power range and antenna gain.

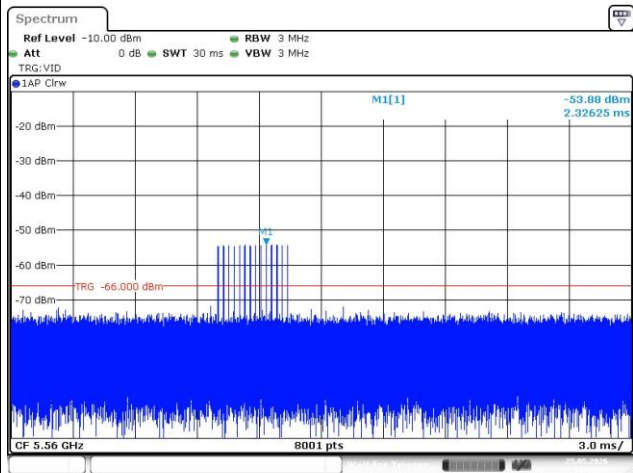


Calibration Plots

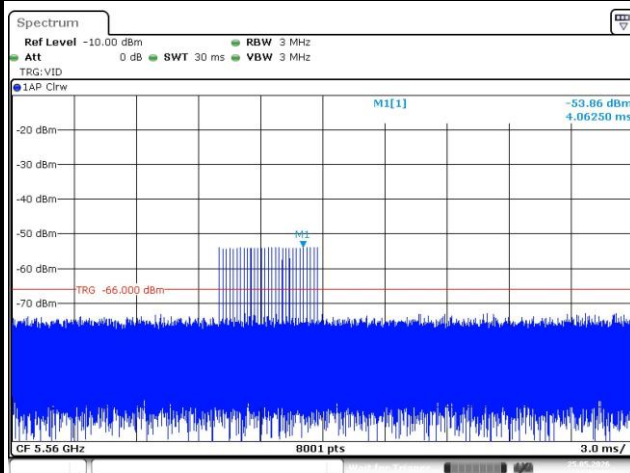
Radar #1 DFS detection threshold level



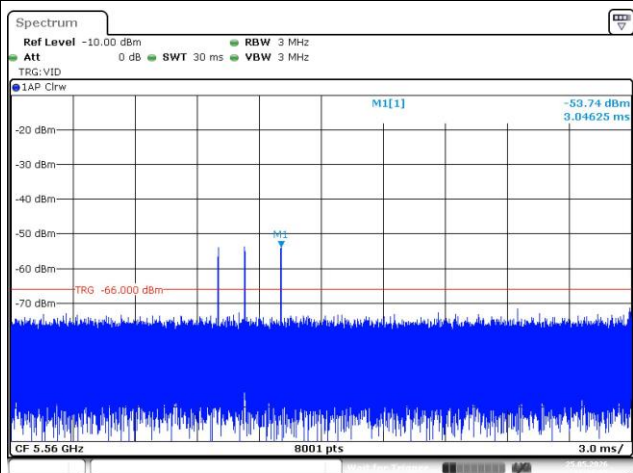
Radar #4 DFS detection threshold level



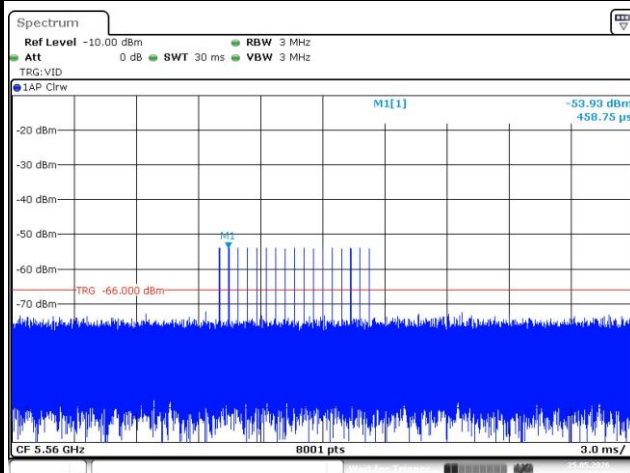
Radar #2 DFS detection threshold level



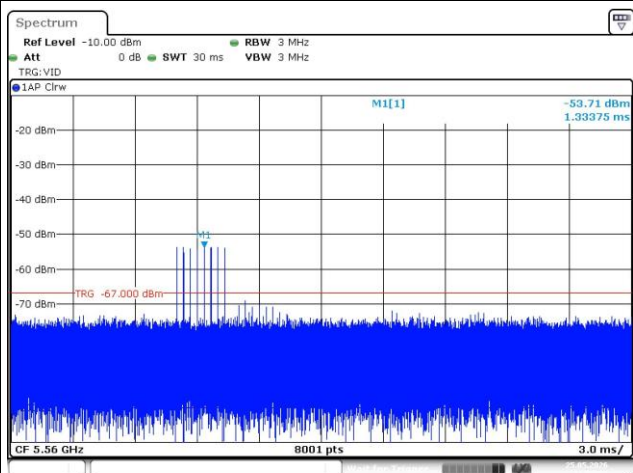
Radar #5 DFS detection threshold level



Radar #3 DFS detection threshold level



Radar #6 DFS detection threshold level



3.2 Statistical Performance Check

3.2.1 Statistical Performance Check Limit

Radar Type	Minimum Percentage of Successful Detection (Pd)	Minimum Trials
1	60%	30
2	60%	30
3	60%	30
4	60%	30
Aggregate (Radar Types 1-4)	80%	120
5	80%	30
6	70%	30

The percentage of successful detection is calculated by:

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

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

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

3.2.2 Test Procedures

Test Method
☒ Refer as FCC KDB 905462 D02, clause 7.8.4 for Statistical Performance Check test. Stream the channel loading test file from the Master Device to the Client Device on the test Channel for the entire period of the test. Observe the transmissions of the UUT 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. Then Observe the transmissions of the UUT 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. The device can utilize a test mode to demonstrate when detection occurs to prevent the need to reset the device between trial runs.

3.2.3 Radar Detection Threshold Result

Statistical Performance Check Result–HE160, Channel 114					
Radar Signal (#)	Test Trail #	Detect Trail #	Pd (%)	Limit Pd (%)	Result
1	10	10	100	60	Complied
2	10	10	100	60	Complied
3	10	9	90	60	Complied
4	10	10	100	60	Complied
Aggregate 1 - 4	40	39	97.5	80	Complied
5	10	10	100	80	Complied
6	10	10	100	70	Complied

3.2.4 Detection Data Sheet for Radar Types 1 (HE160, Channel 114)

Radar Type	1				
Trail #	Test Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	HE160 ^{*1}
1	5552	Test A 1	1930.5	518	1
2	5532	Test A 2	1858.7	538	1
3	5514	Test A 3	1792.1	558	1
4	5491(FL)	Test A 4	1730.1	578	1
5	5585	Test A 5	1672.2	598	1
6	5599	Test A 6	1618.1	618	1
7	5611	Test A 7	1567.4	638	1
8	5529	Test A 8	1519.8	658	1
9	5554	Test A 9	1474.9	678	1
10	5608	Test A 10	1432.7	698	1
Detection Percentage (%)					100
Note 1: 1=Detection ;0=No Detection					

3.2.5 Data Sheet for Radar Type 2 (HE160, Channel 114)

Radar Type	2				
Trail #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	HE160 ^{*1}
1	5606	3.6	170	28	1
2	5519	4.7	179	27	1
3	5589	4.3	213	29	1
4	5624	2.1	200	27	1
5	5491(FL)	4.5	189	27	1
6	5646	2.3	230	28	1
7	5522	2.1	155	23	1
8	5506	4.2	168	26	1
9	5566	1.9	158	24	1
10	5514	2	221	23	1
Detection Percentage (%)					100
Note 1: 1=Detection ;0=No Detection					

3.2.6 Data Sheet for Radar Type 3 (HE160, Channel 114)

Radar Type	3				
Trail #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	HE160 ^{*1}
1	5596	6.4	390	17	1
2	5556	9.1	410	17	1
3	5491(FL)	9.4	490	17	1
4	5506	7.6	395	17	1
5	5601	7.9	201	17	1
6	5522	9.1	227	16	1
7	5649(FH)	7.8	477	16	1
8	5631	7.2	497	16	0
9	5648	7.9	491	16	1
10	5631	8.5	304	16	1
Detection Percentage (%)					90
Note 1: 1=Detection ;0=No Detection					

3.2.7 Data Sheet for Radar Type 4 (HE160, Channel 114)

Radar Type	4				
Trail #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	HE160 ₁
1	5571	18.2	424	13	1
2	5643	17	283	15	1
3	5618	11.4	386	12	1
4	5648	14.2	471	13	1
5	5493	13.9	399	15	1
6	5601	18.7	252	14	1
7	5589	11.4	370	12	1
8	5536	17.5	283	15	1
9	5491(FL)	14.1	391	16	1
10	5571	16.4	229	15	1
Detection Percentage (%)					100
Note 1: 1=Detection ;0=No Detection					

3.2.8 Detection Data Sheet for Radar Types 5

Radar Type	5	
Trail #	Test Frequency (MHz)	HE160 Channel 114 ₁
1	5494	1
2	5497	1
3	5494	1
4	5570	1
5	5570	1
6	5570	1
7	5570	1
8	5643	1
9	5642	1
10	5647	1
Pd (%)	100	
Note 1: 1=Detection ;0=No Detection		

3.2.9 Detection Data Sheet for Radar Types 6

Radar Type	6
Trail #	HE160 Channel 114*1
1	1
2	1
3	1
4	1
5	1
6	1
7	1
8	1
9	1
10	1
Pd (%)	100
Note 1: 1=Detection ;0=No Detection	

Note: Test frequency as described in section 3.5.11

3.2.10 Parameter Data Sheet for Radar Type 5

Statistical Performance Check Result						
Radar Test Signal (#)		5		Trail #	1	
Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Start Time (msec)
1	1	62.1	11			1091
2	2	56	11	1729		133
3	2	91.3	11	1230		1057
4	3	50.7	11	1762	1616	1442
5	2	92.6	11	1723		544
6	2	87.3	11	1302		1089
7	2	59.5	11	1291		1374
8	2	52.2	11	1653		1237

Statistical Performance Check Result						
Radar Test Signal (#)		5		Trail #	2	
Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Start Time (msec)
1	3	90	5	1007	1326	30
2	2	73.7	5	1785		979
3	1	78.1	5			683
4	2	92.4	5	1281		950
5	1	61.2	5			612
6	3	67.2	5	1525	1870	17
7	1	78.5	5			429
8	2	60.3	5	1931		936
9	3	92.9	5	1403	1476	548

Statistical Performance Check Result						
Radar Test Signal (#)		5		Trail #	3	
Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Start Time (msec)
1	3	63.4	20	1574	1607	801
2	1	98	20			966
3	1	58.7	20			185
4	1	88	20			1012
5	3	79.5	20	1562	1370	943
6	3	57.1	20	1900	1188	686
7	2	64.4	20	1090		599
8	1	78.7	20			1089
9	1	69.3	20			188
10	3	55.3	20	1375	1691	933

Statistical Performance Check Result						
Radar Test Signal (#)		5		Trail #	4	
Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Start Time (msec)
1	2	74.3	13	1642		24
2	1	83.1	13			985
3	2	59.5	13	1680		988
4	2	59.8	13	1786		800
5	2	77.6	13	1617		339
6	2	79.9	13	1553		1040
7	1	56	13			544
8	3	71.4	13	1406	1927	452
9	1	97.4	13			204
10	2	98.3	13	1037		926
11	1	63.6	13			1052

Statistical Performance Check Result						
Radar Test Signal (#)		5		Trail #	5	
Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Start Time (msec)
1	1	50	11			557
2	2	62.5	11	1731		567
3	2	55.4	11	1070		460
4	1	65.7	11			4
5	2	58	11	1512		64
6	2	60.9	11	1230		650
7	3	89.6	11	1598	1738	235
8	3	84.4	11	1271	1617	873
9	3	72.3	11	1498	1321	901
10	1	58.9	11			663
11	2	74.8	11	1584		919
12	1	71.8	11			375

Statistical Performance Check Result						
Radar Test Signal (#)		5		Trail #	6	
Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Start Time (msec)
1	2	88.1	16	1257		846
2	1	58.7	16			725
3	2	97.1	16	1037		30
4	3	83.1	16	1029	1106	490
5	1	62.1	16			262
6	2	71.4	16	1058		283
7	2	86.3	16	1867		49
8	3	77.3	16	1418	1876	634
9	1	78.9	16			304
10	3	79.2	16	1055	1572	564
11	3	52	16	1582	1836	852
12	3	56.5	16	1195	1542	525
13	3	100	16	1638	1729	750

Statistical Performance Check Result						
Radar Test Signal (#)		5		Trail #	7	
Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Start Time (msec)
1	2	92.7	11	1208		231
2	2	81.3	11	1144		804
3	2	60.4	11	1555		34
4	2	62.1	11	1320		427
5	1	50	11			577
6	3	65.9	11	1020	1365	3
7	2	73.8	11	1308		51
8	2	74.3	11	1143		360
9	1	62.9	11			394
10	2	74.8	11	1404		317
11	2	69.7	11	1309		532
12	2	69.8	11	1688		339
13	2	77.4	11	1857		381
14	1	55.1	11			426

Statistical Performance Check Result						
Radar Test Signal (#)		5		Trail #	8	
Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Start Time (msec)
1	1	91.7	20			776
2	2	90	20	1196		187
3	3	92.3	20	1486	1853	448
4	2	66.8	20	1545		702
5	1	64	20			403
6	3	95.4	20	1123	1473	230
7	3	66.8	20	1867	1401	604
8	3	67.7	20	1472	1397	38
9	1	68.2	20			735
10	2	82.2	20	1297		610
11	1	92.1	20			618
12	2	57	20	1764		705
13	2	58.5	20	1310		22
14	3	85.5	20	1630	1447	641
15	2	82.2	20	1371		109

Statistical Performance Check Result						
Radar Test Signal (#)		5		Trail #	9	
Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Start Time (msec)
1	2	74.4	9	1707		442
2	2	63.6	9	1725		280
3	2	71.3	9	1704		459
4	3	77.6	9	1063	1405	197
5	3	65.2	9	1731	1294	101
6	3	55.1	9	1109	1549	17
7	2	96.8	9	1034		131
8	3	80.8	9	1533	1051	365
9	1	60.4	9			222
10	2	61.8	9	1312		371
11	2	71.3	9	1657		33
12	2	98.1	9	1024		291
13	1	57.9	9			188
14	1	91.8	9			163
15	2	56.7	9	1259		426
16	2	89.7	9	1690		606

Statistical Performance Check Result						
Radar Test Signal (#)		5		Trail #	10	
Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Start Time (msec)
1	2	74.4	15	1107		462
2	1	87.6	15			653
3	2	61.7	15	1741		457
4	2	57.5	15	1566		388
5	2	66.1	15	1855		63
6	3	70.1	15	1044	1012	136
7	1	66.4	15			343
8	1	59.2	15			349
9	2	88.3	15	1240		362
10	1	64.7	15			221
11	2	73	15	1703		144
12	2	81.7	15	1450		671
13	3	70.1	15	1741	1278	320
14	1	63.6	15			196
15	1	58.7	15			413
16	2	65.9	15	1478		170
17	1	72.7	15			564

3.2.11 Test Frequency for Radar Type 6

Radar Type 6						Trail#		1	
Pulse Width (µsec)		PRI (usec)		Pulses per Hop		Hopping Rate (KHz)		Hopping Sequence Length (msec)	
1		333		9		0.333		300	
Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)
1	5506	21	5353	41	5434	61	5469	81	5568
2	5555	22	5658	42	5317	62	5404	82	5397
3	5673	23	5445	43	5525	63	5683	83	5492
4	5265	24	5251	44	5524	64	5324	84	5390
5	5362	25	5649	45	5698	65	5678	85	5530
6	5327	26	5295	46	5307	66	5422	86	5614
7	5380	27	5485	47	5574	67	5612	87	5629
8	5335	28	5431	48	5406	68	5260	88	5702
9	5387	29	5389	49	5452	69	5587	89	5447
10	5718	30	5561	50	5435	70	5313	90	5637
11	5477	31	5269	51	5364	71	5493	91	5394
12	5378	32	5690	52	5601	72	5277	92	5386
13	5426	33	5707	53	5363	73	5551	93	5679
14	5529	34	5496	54	5602	74	5510	94	5407
15	5432	35	5667	55	5617	75	5578	95	5401
16	5573	36	5518	56	5507	76	5360	96	5396
17	5625	37	5443	57	5308	77	5584	97	5642
18	5344	38	5411	58	5483	78	5548	98	5656
19	5466	39	5448	59	5665	79	5523	99	5359
20	5513	40	5605	60	5708	80	5433	100	5717

Radar Type 6						Trail#		2	
Pulse Width (µsec)		PRI (usec)		Pulses per Hop		Hopping Rate (KHz)		Hopping Sequence Length (msec)	
1		333		9		0.333		300	
Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)
1	5328	21	5588	41	5568	61	5535	81	5446
2	5486	22	5426	42	5677	62	5685	82	5649
3	5661	23	5314	43	5647	63	5276	83	5544
4	5536	24	5266	44	5549	64	5254	84	5447
5	5699	25	5325	45	5474	65	5394	85	5527
6	5409	26	5542	46	5492	66	5631	86	5628
7	5600	27	5494	47	5306	67	5505	87	5275
8	5333	28	5430	48	5565	68	5706	88	5375
9	5543	29	5526	49	5351	69	5308	89	5646
10	5531	30	5317	50	5632	70	5617	90	5252
11	5590	31	5448	51	5567	71	5545	91	5680
12	5357	32	5578	52	5262	72	5450	92	5405
13	5635	33	5411	53	5676	73	5602	93	5300
14	5329	34	5470	54	5303	74	5574	94	5640
15	5389	35	5566	55	5651	75	5461	95	5311
16	5724	36	5532	56	5708	76	5524	96	5503
17	5648	37	5688	57	5702	77	5278	97	5438
18	5502	38	5703	58	5282	78	5352	98	5366
19	5674	39	5538	59	5678	79	5374	99	5281
20	5408	40	5267	60	5589	80	5326	100	5327

Radar Type 6						Trail#		3	
Pulse Width (µsec)		PRI (usec)		Pulses per Hop		Hopping Rate (KHz)		Hopping Sequence Length (msec)	
1		333		9		0.333		300	
Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)
1	5622	21	5374	41	5710	61	5352	81	5278
2	5465	22	5713	42	5466	62	5279	82	5451
3	5587	23	5652	43	5326	63	5442	83	5324
4	5484	24	5603	44	5506	64	5315	84	5404
5	5671	25	5393	45	5629	65	5494	85	5663
6	5460	26	5717	46	5343	66	5669	86	5406
7	5316	27	5386	47	5438	67	5689	87	5626
8	5567	28	5445	48	5463	68	5440	88	5615
9	5462	29	5422	49	5597	69	5537	89	5609
10	5283	30	5491	50	5381	70	5452	90	5657
11	5670	31	5673	51	5510	71	5431	91	5558
12	5361	32	5300	52	5695	72	5396	92	5581
13	5258	33	5518	53	5391	73	5612	93	5309
14	5674	34	5482	54	5428	74	5292	94	5516
15	5376	35	5331	55	5444	75	5479	95	5580
16	5635	36	5680	56	5348	76	5273	96	5650
17	5495	37	5651	57	5592	77	5347	97	5514
18	5436	38	5353	58	5256	78	5414	98	5483
19	5700	39	5332	59	5709	79	5259	99	5535
20	5281	40	5449	60	5485	80	5658	100	5301

Radar Type 6						Trail#		4	
Pulse Width (µsec)		PRI (usec)		Pulses per Hop		Hopping Rate (KHz)		Hopping Sequence Length (msec)	
1		333		9		0.333		300	
Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)
1	5438	21	5560	41	5557	61	5500	81	5598
2	5551	22	5545	42	5718	62	5675	82	5326
3	5593	23	5254	43	5425	63	5286	83	5489
4	5572	24	5559	44	5547	64	5352	84	5534
5	5436	25	5695	45	5255	65	5722	85	5398
6	5330	26	5292	46	5266	66	5569	86	5548
7	5540	27	5460	47	5486	67	5362	87	5721
8	5646	28	5416	48	5660	68	5590	88	5639
9	5420	29	5692	49	5711	69	5712	89	5501
10	5481	30	5273	50	5677	70	5290	90	5265
11	5693	31	5458	51	5667	71	5320	91	5424
12	5332	32	5275	52	5374	72	5699	92	5317
13	5606	33	5419	53	5263	73	5602	93	5561
14	5399	34	5696	54	5513	74	5441	94	5343
15	5350	35	5530	55	5418	75	5370	95	5447
16	5594	36	5453	56	5423	76	5417	96	5380
17	5523	37	5299	57	5400	77	5585	97	5466
18	5334	38	5691	58	5355	78	5342	98	5634
19	5304	39	5713	59	5581	79	5517	99	5536
20	5288	40	5701	60	5702	80	5477	100	5610

Radar Type 6						Trail#		5	
Pulse Width (µsec)		PRI (usec)		Pulses per Hop		Hopping Rate (KHz)		Hopping Sequence Length (msec)	
1		333		9		0.333		300	
Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)
1	5522	21	5399	41	5378	61	5410	81	5590
2	5462	22	5531	42	5318	62	5565	82	5601
3	5437	23	5324	43	5612	63	5479	83	5296
4	5635	24	5504	44	5351	64	5370	84	5521
5	5331	25	5300	45	5332	65	5497	85	5283
6	5640	26	5586	46	5625	66	5397	86	5499
7	5634	27	5556	47	5661	67	5632	87	5609
8	5287	28	5716	48	5415	68	5361	88	5683
9	5398	29	5530	49	5573	69	5523	89	5306
10	5282	30	5627	50	5724	70	5561	90	5337
11	5583	31	5359	51	5383	71	5569	91	5510
12	5538	32	5680	52	5327	72	5526	92	5525
13	5393	33	5545	53	5567	73	5582	93	5599
14	5459	34	5475	54	5341	74	5517	94	5354
15	5628	35	5408	55	5345	75	5274	95	5712
16	5529	36	5688	56	5340	76	5317	96	5416
17	5568	37	5256	57	5631	77	5548	97	5719
18	5355	38	5414	58	5579	78	5656	98	5700
19	5553	39	5560	59	5721	79	5302	99	5314
20	5645	40	5690	60	5308	80	5500	100	5270

Radar Type 6						Trail#		6	
Pulse Width (µsec)		PRI (usec)		Pulses per Hop		Hopping Rate (KHz)		Hopping Sequence Length (msec)	
1		333		9		0.333		300	
Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)
1	5294	21	5375	41	5423	61	5277	81	5586
2	5611	22	5348	42	5275	62	5491	82	5363
3	5494	23	5656	43	5410	63	5303	83	5377
4	5516	24	5489	44	5666	64	5373	84	5312
5	5439	25	5351	45	5706	65	5462	85	5594
6	5376	26	5419	46	5385	66	5457	86	5604
7	5330	27	5371	47	5445	67	5359	87	5386
8	5628	28	5478	48	5289	68	5640	88	5559
9	5338	29	5394	49	5687	69	5326	89	5506
10	5416	30	5352	50	5669	70	5283	90	5443
11	5464	31	5451	51	5444	71	5401	91	5578
12	5266	32	5539	52	5621	72	5296	92	5543
13	5287	33	5693	53	5707	73	5535	93	5523
14	5608	34	5596	54	5632	74	5710	94	5328
15	5563	35	5549	55	5355	75	5424	95	5702
16	5305	36	5709	56	5579	76	5525	96	5263
17	5583	37	5366	57	5663	77	5425	97	5317
18	5281	38	5431	58	5623	78	5556	98	5428
19	5568	39	5664	59	5461	79	5406	99	5529
20	5555	40	5272	60	5658	80	5383	100	5585

Radar Type 6						Trail#		7	
Pulse Width (µsec)		PRI (usec)		Pulses per Hop		Hopping Rate (KHz)		Hopping Sequence Length (msec)	
1		333		9		0.333		300	
Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)
1	5396	21	5252	41	5613	61	5255	81	5639
2	5320	22	5517	42	5380	62	5642	82	5342
3	5475	23	5285	43	5651	63	5458	83	5714
4	5632	24	5451	44	5358	64	5258	84	5641
5	5630	25	5414	45	5384	65	5429	85	5425
6	5650	26	5534	46	5612	66	5656	86	5473
7	5637	27	5452	47	5431	67	5422	87	5286
8	5388	28	5446	48	5439	68	5363	88	5528
9	5605	29	5344	49	5629	69	5266	89	5257
10	5419	30	5617	50	5313	70	5497	90	5468
11	5496	31	5289	51	5359	71	5462	91	5250
12	5689	32	5661	52	5710	72	5351	92	5324
13	5585	33	5591	53	5566	73	5607	93	5395
14	5655	34	5265	54	5436	74	5602	94	5513
15	5678	35	5603	55	5302	75	5287	95	5488
16	5586	36	5588	56	5341	76	5277	96	5551
17	5291	37	5701	57	5547	77	5654	97	5693
18	5631	38	5564	58	5283	78	5628	98	5574
19	5493	39	5490	59	5379	79	5479	99	5627
20	5646	40	5470	60	5260	80	5251	100	5455

Radar Type 6						Trail#		8	
Pulse Width (µsec)		PRI (usec)		Pulses per Hop		Hopping Rate (KHz)		Hopping Sequence Length (msec)	
1		333		9		0.333		300	
Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)
1	5313	21	5716	41	5483	61	5619	81	5402
2	5662	22	5515	42	5327	62	5338	82	5428
3	5673	23	5554	43	5517	63	5445	83	5700
4	5404	24	5534	44	5567	64	5358	84	5430
5	5541	25	5329	45	5275	65	5487	85	5370
6	5287	26	5405	46	5526	66	5592	86	5379
7	5321	27	5631	47	5633	67	5334	87	5446
8	5357	28	5389	48	5373	68	5268	88	5322
9	5548	29	5571	49	5577	69	5312	89	5679
10	5500	30	5612	50	5340	70	5410	90	5699
11	5437	31	5544	51	5545	71	5382	91	5546
12	5267	32	5269	52	5557	72	5467	92	5393
13	5468	33	5576	53	5527	73	5280	93	5283
14	5525	34	5307	54	5294	74	5706	94	5363
15	5572	35	5272	55	5377	75	5425	95	5413
16	5345	36	5491	56	5676	76	5583	96	5659
17	5309	37	5660	57	5499	77	5604	97	5366
18	5630	38	5305	58	5707	78	5460	98	5674
19	5422	39	5686	59	5530	79	5376	99	5528
20	5603	40	5475	60	5661	80	5669	100	5324

Radar Type 6						Trail#		9	
Pulse Width (µsec)		PRI (usec)		Pulses per Hop		Hopping Rate (KHz)		Hopping Sequence Length (msec)	
1		333		9		0.333		300	
Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)
1	5514	21	5406	41	5503	61	5558	81	5307
2	5302	22	5286	42	5287	62	5643	82	5305
3	5467	23	5472	43	5460	63	5440	83	5710
4	5441	24	5484	44	5299	64	5625	84	5590
5	5434	25	5515	45	5291	65	5613	85	5689
6	5256	26	5315	46	5539	66	5373	86	5655
7	5330	27	5294	47	5533	67	5708	87	5465
8	5571	28	5350	48	5348	68	5663	88	5250
9	5258	29	5466	49	5600	69	5527	89	5633
10	5331	30	5347	50	5453	70	5505	90	5363
11	5666	31	5322	51	5384	71	5616	91	5592
12	5684	32	5403	52	5569	72	5653	92	5656
13	5524	33	5463	53	5419	73	5285	93	5691
14	5393	34	5699	54	5471	74	5617	94	5394
15	5267	35	5500	55	5383	75	5455	95	5504
16	5519	36	5674	56	5547	76	5433	96	5713
17	5462	37	5485	57	5283	77	5295	97	5314
18	5429	38	5518	58	5624	78	5397	98	5448
19	5683	39	5589	59	5581	79	5630	99	5369
20	5631	40	5296	60	5671	80	5676	100	5418

Radar Type 6						Trail#		10	
Pulse Width (µsec)		PRI (usec)		Pulses per Hop		Hopping Rate (KHz)		Hopping Sequence Length (msec)	
1		333		9		0.333		300	
Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)	Number	Frequency (MHz)
1	5662	21	5645	41	5410	61	5698	81	5589
2	5478	22	5267	42	5374	62	5570	82	5250
3	5459	23	5257	43	5427	63	5381	83	5490
4	5618	24	5707	44	5606	64	5399	84	5382
5	5615	25	5387	45	5602	65	5556	85	5266
6	5293	26	5619	46	5632	66	5431	86	5501
7	5332	27	5278	47	5380	67	5396	87	5484
8	5607	28	5567	48	5444	68	5493	88	5687
9	5279	29	5524	49	5681	69	5334	89	5688
10	5549	30	5553	50	5689	70	5712	90	5479
11	5558	31	5672	51	5627	71	5720	91	5307
12	5609	32	5509	52	5601	72	5579	92	5457
13	5718	33	5260	53	5423	73	5563	93	5625
14	5390	34	5680	54	5532	74	5445	94	5361
15	5354	35	5608	55	5428	75	5264	95	5661
16	5416	36	5518	56	5513	76	5480	96	5453
17	5626	37	5651	57	5554	77	5621	97	5633
18	5704	38	5646	58	5258	78	5409	98	5299
19	5323	39	5678	59	5686	79	5344	99	5263
0	5500	40	5458	60	5405	80	5620	100	5357

4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corporation (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <https://www.icertifi.com.tw>.

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