

# Detection Probability Test Report

2023-06-19-14:30:01



## Test Setup Information

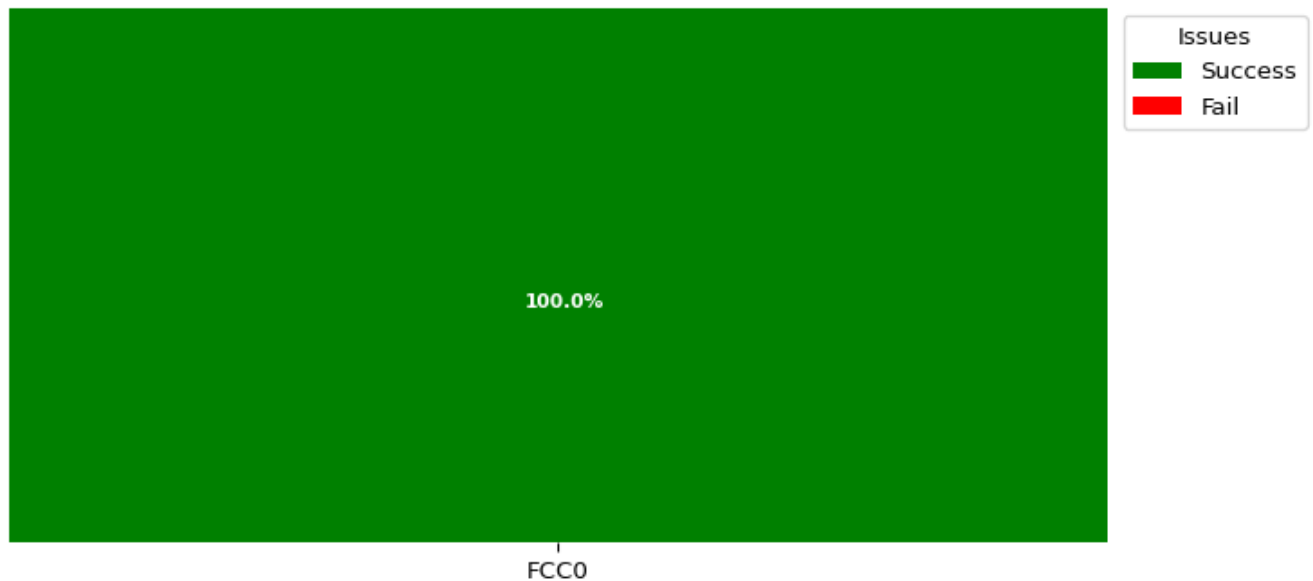
Device under test	DUT Name	Test_AP
	SSID	MFG-5GTEST
	Test Duration	0:00:59

## Objective

Detection Probability Test is compliance to the Dynamic Frequency Selection (DFS) Regulation, it creates regulatory specified radar pulses to the DUT repeatedly to measure the probability of detection.

## Result Summary

The below graph provides information regarding detection probability percentage for various RADAR Types.



## Summary Table

The below table provides detailed information regarding detection probability percentage for various RADAR Types.

WaveForm Name	Pd %	Desired Percentage %	Pd Required Percentage %	Num Trials	Average Detect Time (secs)	Result
FCC0	100.0	80	60%	1	4.0	PASSED

## Detailed Result Table

The below tables provides detailed information for per trials run for each RADAR Types

### Detailed Result Table for FCC0

The below table provides detailed information for per trials run for FCC0RADAR Type

Trials	Num Bursts	Num Pulses	Pulse Width (us)	PRI(us)	Detected	Frequency (KHz)	Detection Time(secs)
Trial_1	1	18	1	1428	YES	5500000	4

## Test basic Information

Information	Parameters	Values
	LANforge ip	192.168.100.221
	LANforge port	8080
	Radar Types	['FCC0']
	Radar Hardware	ct712
	Freq Channel Number	100
	Tx Power of radar in dbm	-38.61
	Desired Pass Percentage	80%
	Max Number of extra trials	0
	Time interval between Trials (secs)	0
	Run Traffic	False
	Frequency step option	Stay at centre freq for all Trials
	Contact	support@candelatech.com

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