

# CHANNEL SELECTION TEST



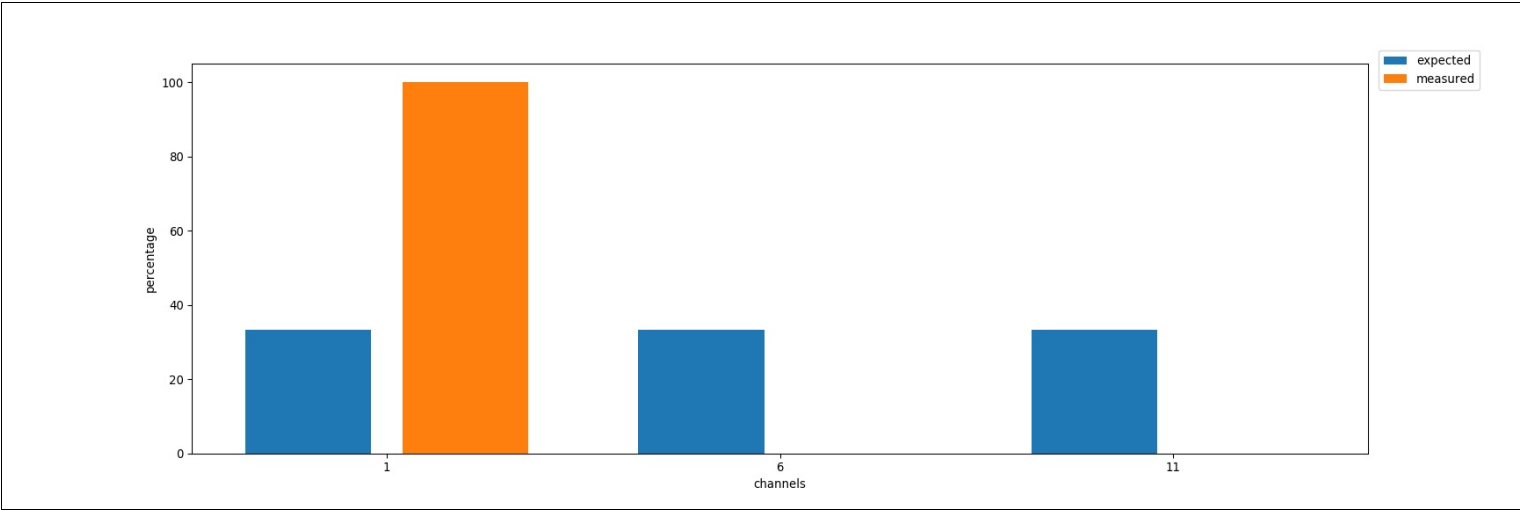
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Test Setup Information		
Device Under Test	AP Name	WAC510
	SSID	SKYUK
	Test Duration	01:32:20

## Objective

The Channel Selection Test is designed to check the performance of the Access Point, When AP is turned on 2.4 radio will automatically set to a channel, it is found that 60% of the AP's are selecting channel 11, 15-20% AP's are working on channel 6, 15-20% AP's are setting on channel 1. This test major objective is to check what are the factors which is causing AP switch automatically .

## Channel Test Graph



## SUMMARY TABLE

This Table will provide you information of the measured channel percentage after reboot and also the expected channel percentage for every throughput combination.

SUMMARY TABLE		
	Expected Channel Percentage	Measured Channel Percentage
Channel 1	33.33	100.0
channel 6	33.33	0.0
Channel 11	33.33	0.0

## Detailed Results

This Table will provide you information of the measured channel after reboot and also the expected channel value for every throughput combination.

Detailed Description				
channel 1 Throughput(Mbps)	channel 6 Throughput(Mbps)	Channel 11 Throughput(Mbps)	Expected Channel	Measured Channel
10	60	50	1	1
60	50	10	11	1

60	10	50	6	1
60	60	10	11	1
10	60	60	1	1
60	10	60	6	1
5	60	50	1	1