

# PMP450 AP UNII TDWR

## Report#:1228



**Cambium Networks**

2012

# Technical Test Data Presented

## Serial # : 0a-00-3e-a0-0c-70

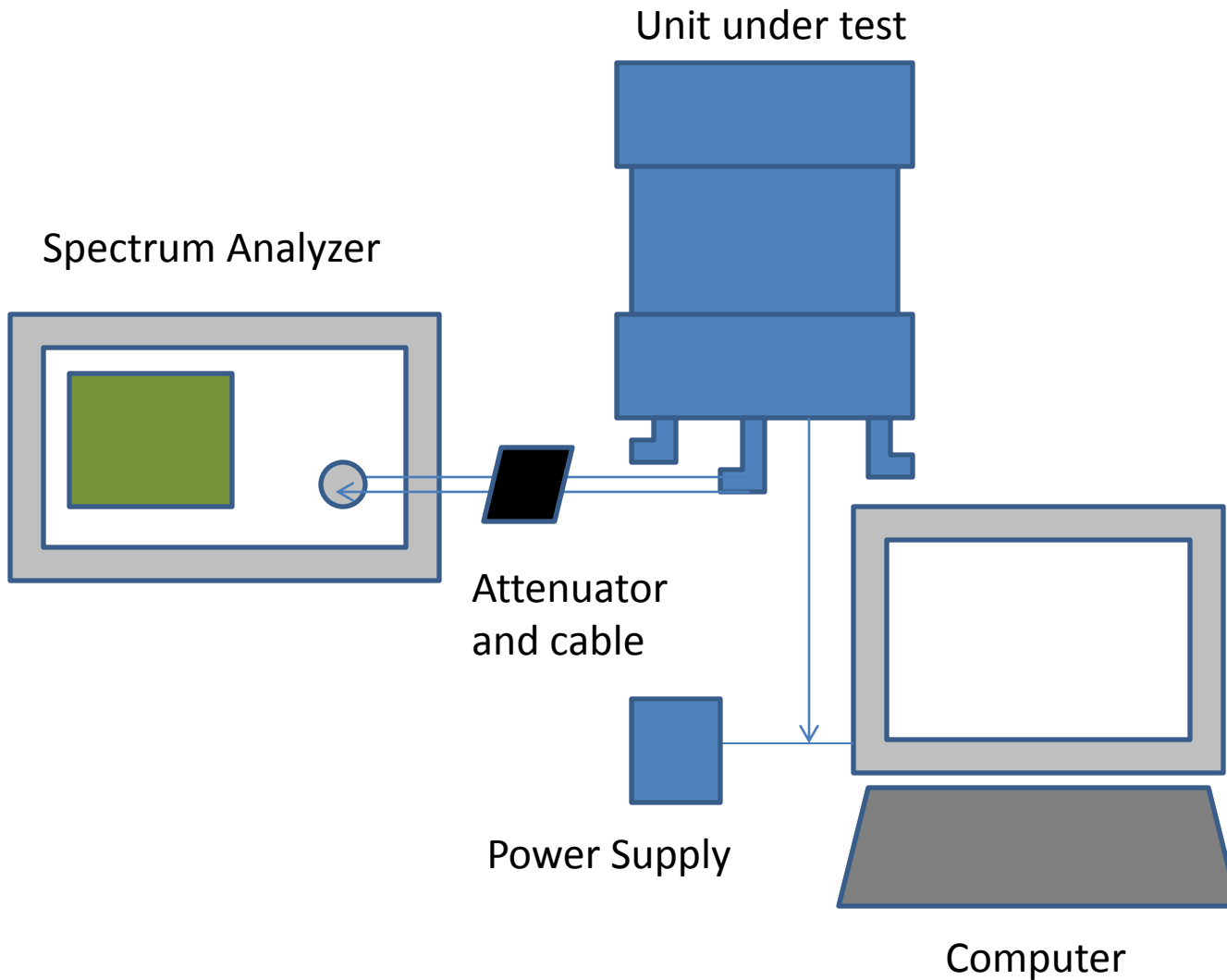
- 10MHz Channels OFDM
  - 5595 MHz Power out 10dBm A [**9.78dBm**]
  - 5655 MHz Power out 10dBm A [**9.11dBm**]
  - 5595 MHz Power out 10dBm B [**9.84dBm**]
  - 5655 MHz Power out 10dBm B [**9.90dBm**]
- 20MHz Channels OFDM
  - 5590 MHz Power out 13dBm chA [**10.14dBm**]
  - 5660 MHz Power out 13dBm chA [**12.18dBm**]
  - 5590 MHz Power out 13dBm chB [**10.25dBm**]
  - 5660 MHz Power out 13dBm chB [**12.27dBm**]
- 20MHz Channels FSK
  - 5590 MHz Power out 19 dBm (2lvl) {**18.17dBm**}
  - 5660 MHz Power out 19 dBm (2lvl) {**18.55dBm**}
  - 5590 MHz Power out 19 dBm (4lvl) {**15.43dBm**}
  - 5660 MHz Power out 19 dBm (4lvl) {**14.68dBm**}

# Data nearest to TDWR Band 5600-5650MHz

Conclusion: FCCID Z8H89FT0002 Meets FCC Certification Requirements CFR47 Part 15 Subpart E section 15.407

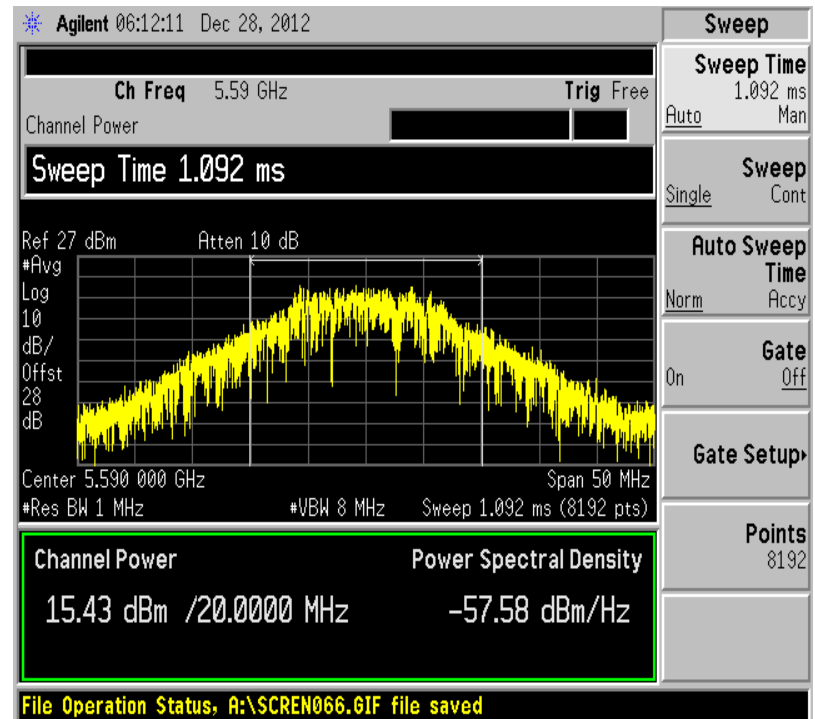
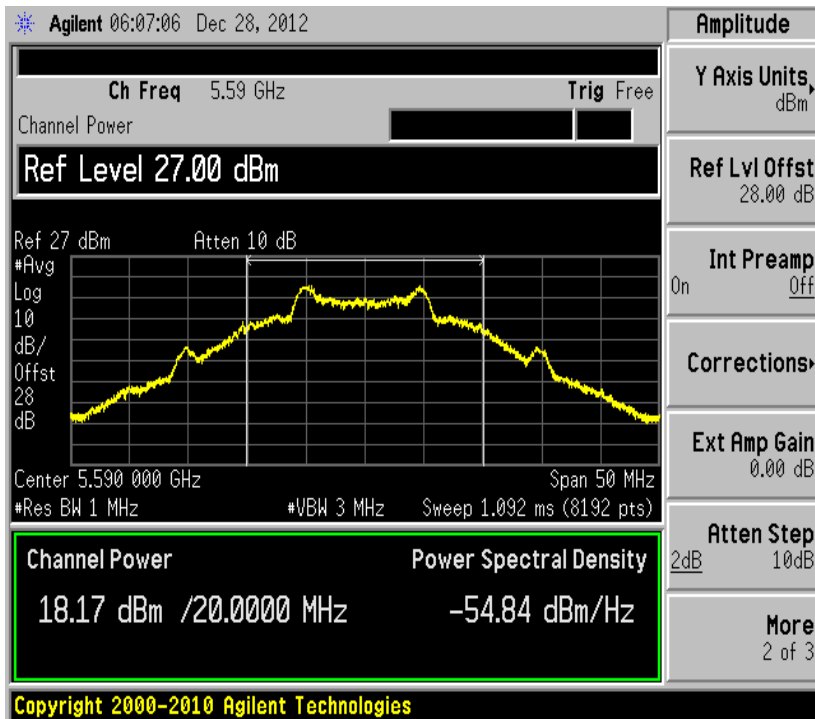
- Data taken nearest TDWR band below data L/M/H
  - DLS report #18191
- Test Specs / Measurement Procedures consistent with OET Rules and KDB publications
- Channels selectable in 5 MHz steps by GUI
- TDWR Band Notched OUT
  - channels not selectable

# Setup Diagram



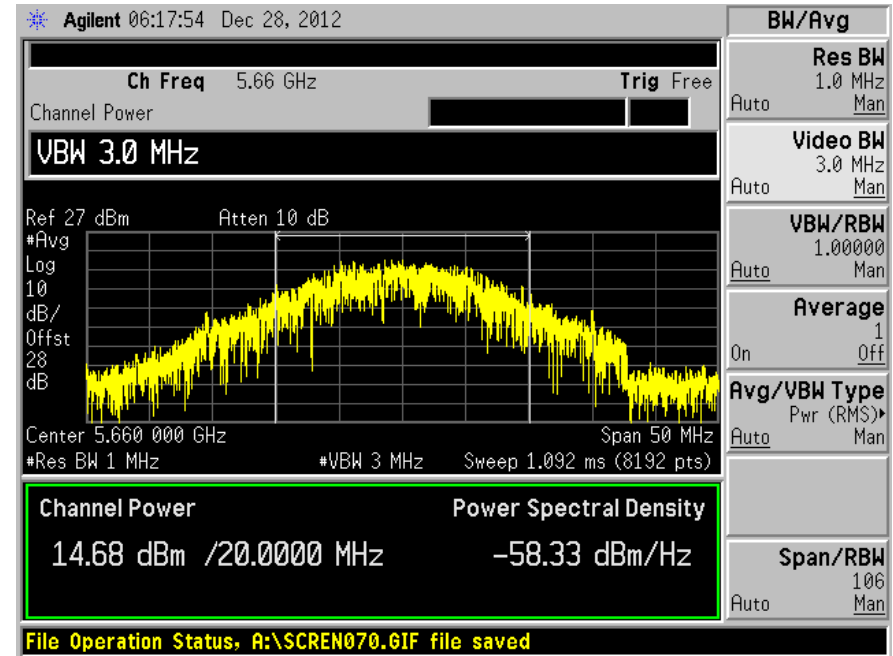
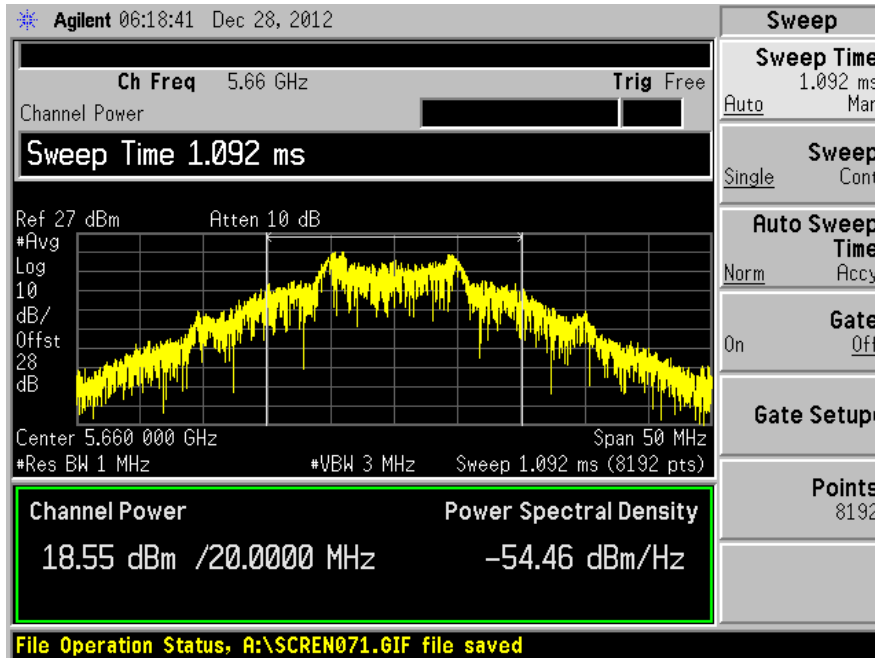
# 20MHz Channel 2lvl 4lvl (FSK)

## 5590MHz



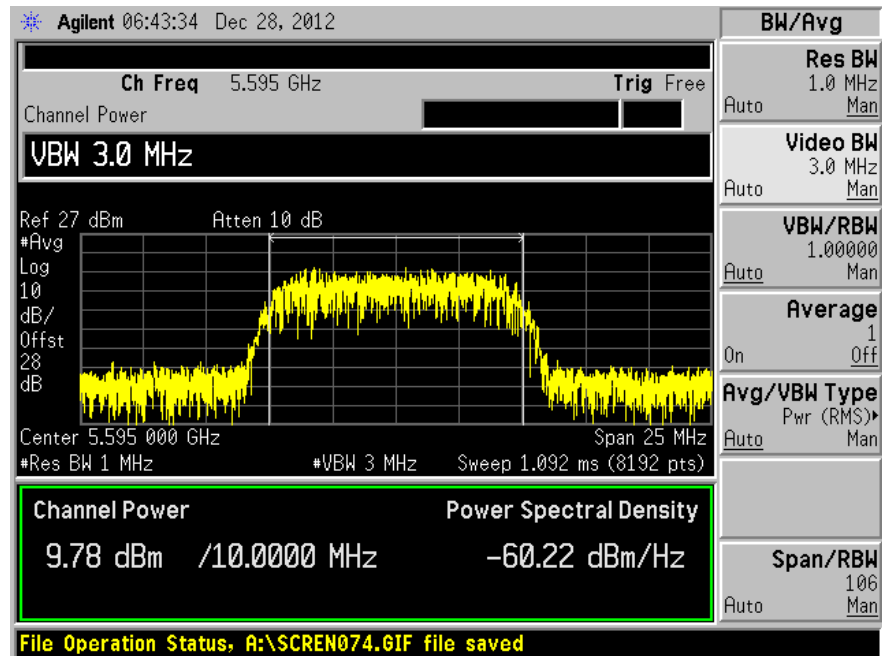
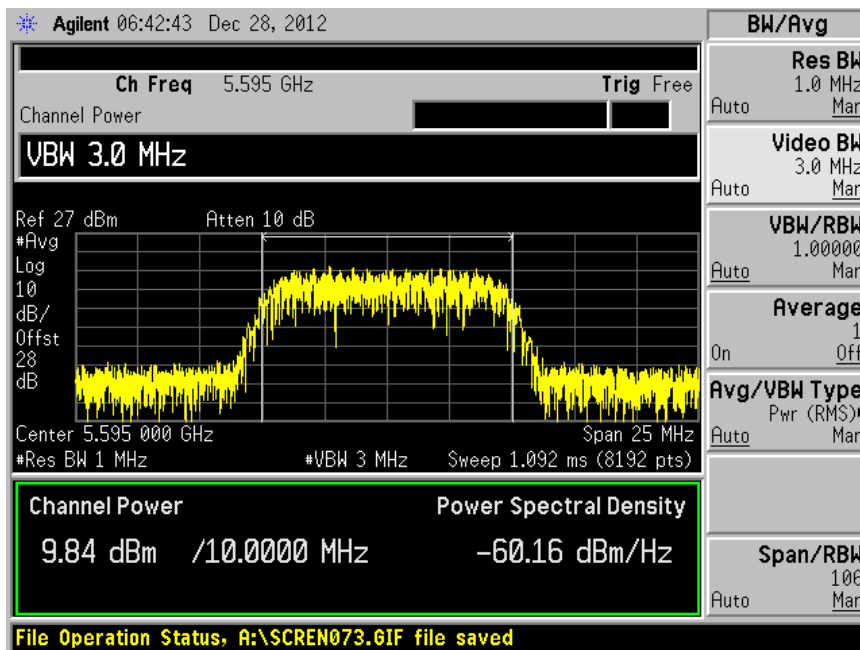
# 20MHz Channel 2lvl 4lvl (FSK)

## 5660MHz



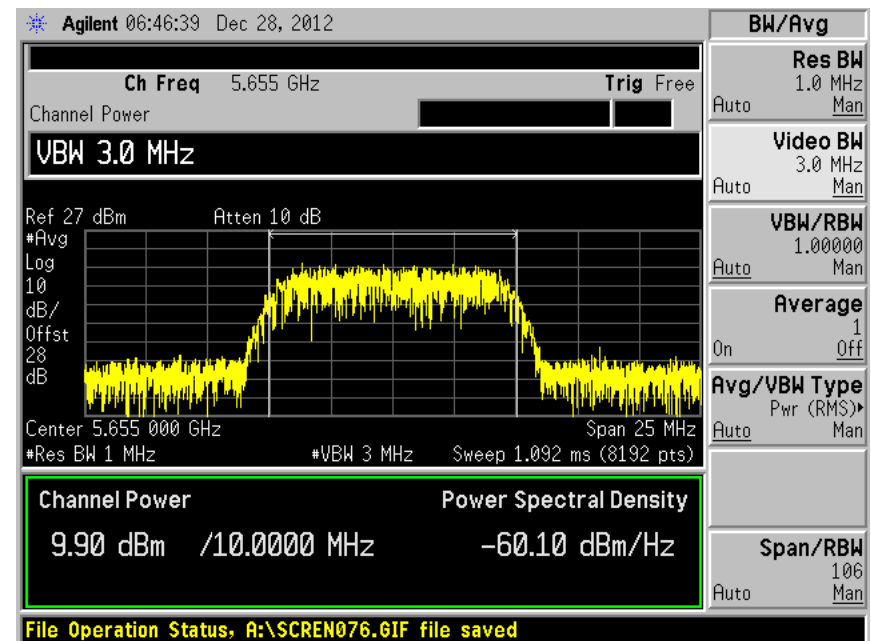
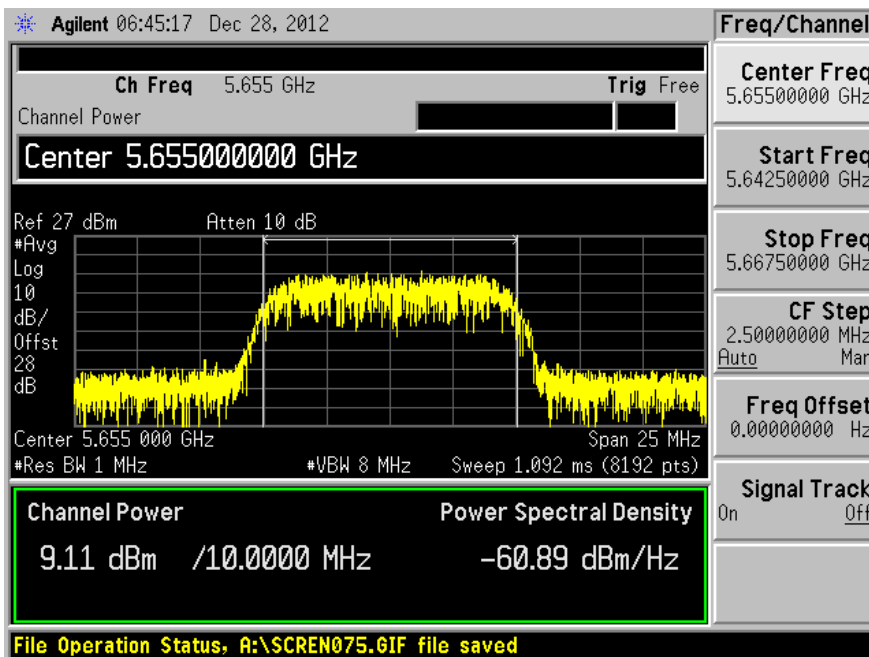
# 10MHz Channel A Channel B (OFDM)

## 5595MHz



# 10MHz Channel A Channel B (OFDM)

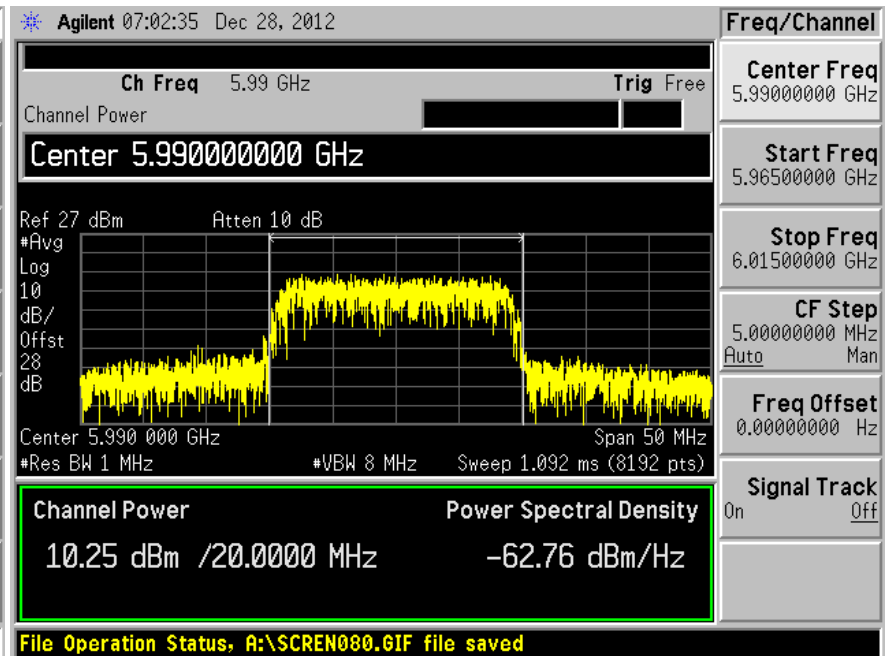
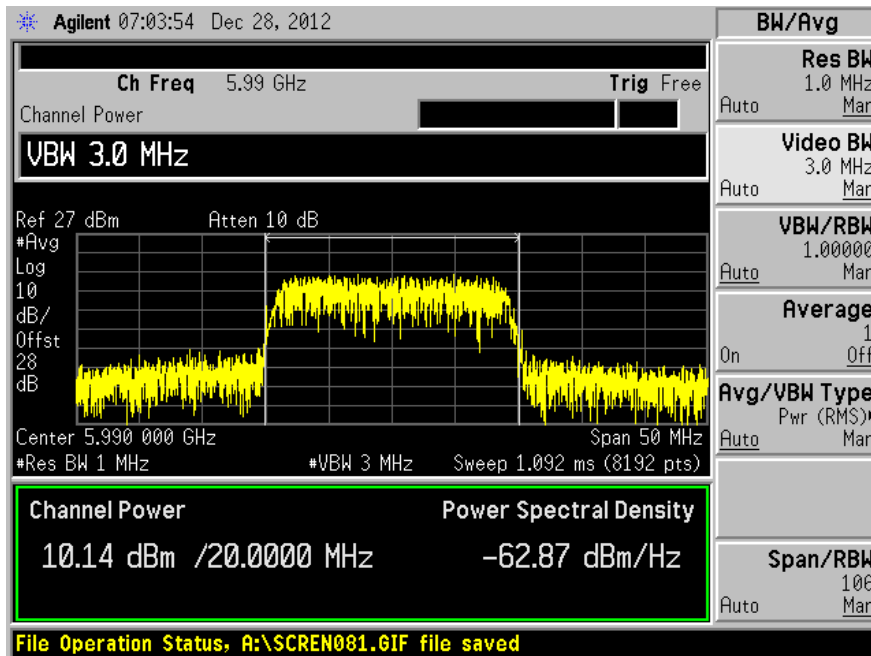
## 5655MHz





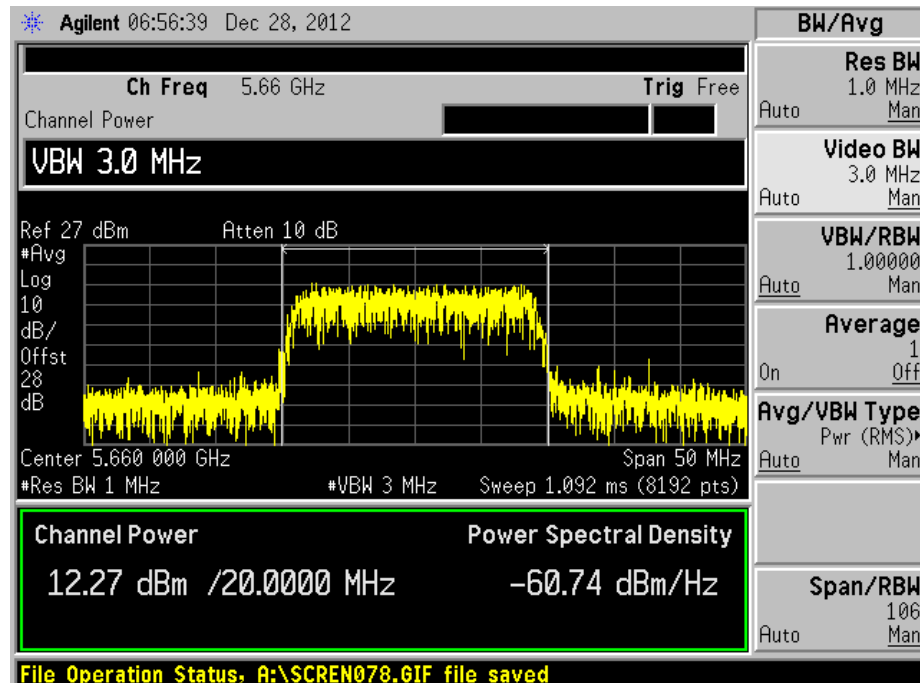
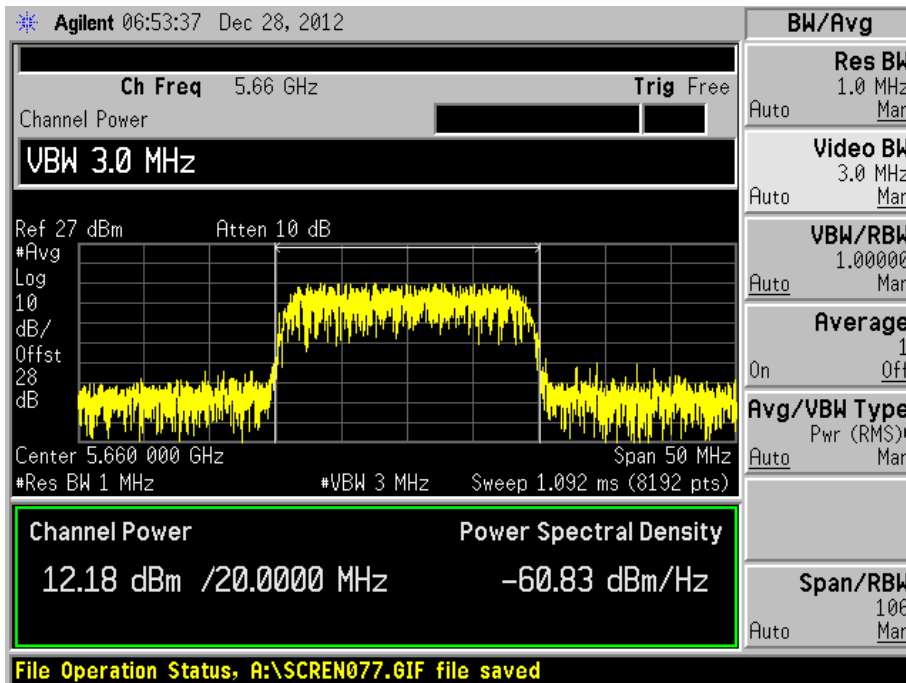
# 20MHz Channel A Channel B (OFDM)

## 5990MHz



# 20MHz Channel A Channel B (OFDM)

## 5660 MHz



# Tested with SW version 12.0.2

## Configuration → Radio

### 5.4GHz - Access Point - 0a-00-3e-a0-0c-70

**Thank You!**



**Cambium Networks**

[www.cambiumnetworks.com](http://www.cambiumnetworks.com)