



L-mobile solutions GmbH & Co. KG

# WLAN MESSBERICHT



# Overall Coverage Report by AP

**Surveyor:** Daniel Diemer

**Location:** .....?i bXY567

**Survey Description:**

**Time of Survey:** 01.01.2014 11:11:48

## Contents

- Access Points Information
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- Tx MCS Index Information
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## Access Points

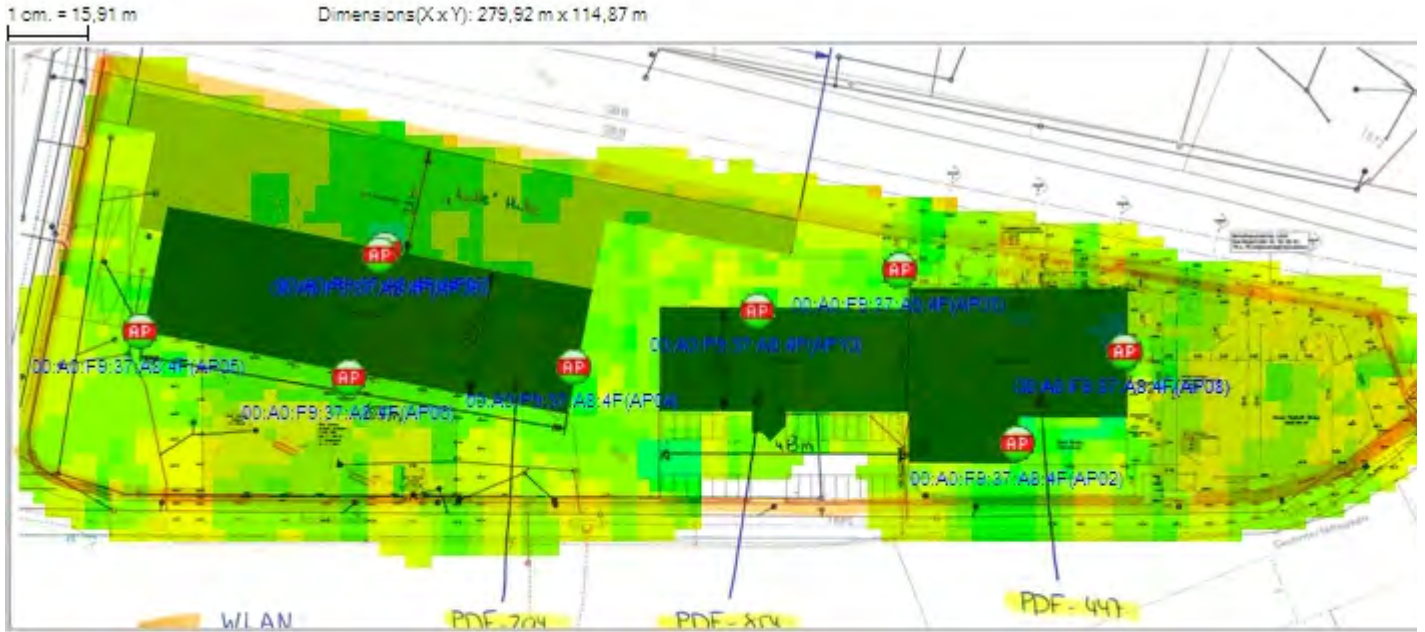
<u>AP Name</u>	<u>Media Type</u>	<u>Mac Address</u>	<u>Channel</u>	<u>SSID</u>	<u>Power, mw</u>	<u>Max Signal</u>
<b>Non ACL, Neighborings, Rogues</b>						
00:A0:F9:37:A8:4F(AI802.11n-2.4 GHz		00:A0:F9:37:A8:4F(AI802.11n-2.4 GHz		Survey	100	-54
00:A0:F9:37:A8:4F(AI802.11n-2.4 GHz		00:A0:F9:37:A8:4F(AI802.11n-2.4 GHz		Survey	100	-46
00:A0:F9:37:A8:4F(AI802.11n-2.4 GHz		00:A0:F9:37:A8:4F(AI802.11n-2.4 GHz		Survey	100	-53
00:A0:F9:37:A8:4F(AI802.11n-2.4 GHz		00:A0:F9:37:A8:4F(AI802.11n-2.4 GHz		Survey	100	-49
00:A0:F9:37:A8:4F(AI802.11n-2.4 GHz		00:A0:F9:37:A8:4F(AI802.11n-2.4 GHz		Survey	100	-51
00:A0:F9:37:A8:4F(AI802.11n-2.4 GHz		00:A0:F9:37:A8:4F(AI802.11n-2.4 GHz		Survey	100	-51
00:A0:F9:37:A8:4F(AI802.11n-2.4 GHz		00:A0:F9:37:A8:4F(AI802.11n-2.4 GHz		Survey	100	-42
00:A0:F9:37:A8:4F(AI802.11n-2.4 GHz		00:A0:F9:37:A8:4F(AI802.11n-2.4 GHz		Survey	100	-47
00:A0:F9:37:A8:4F(AI802.11n-2.4 GHz		00:A0:F9:37:A8:4F(AI802.11n-2.4 GHz		Survey	100	-52
00:A0:F9:37:A8:4F(AI802.11n-2.4 GHz		00:A0:F9:37:A8:4F(AI802.11n-2.4 GHz		Survey	100	-50

**# of AP** 10

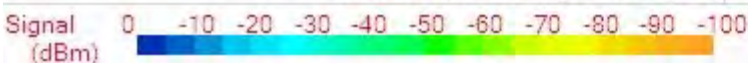
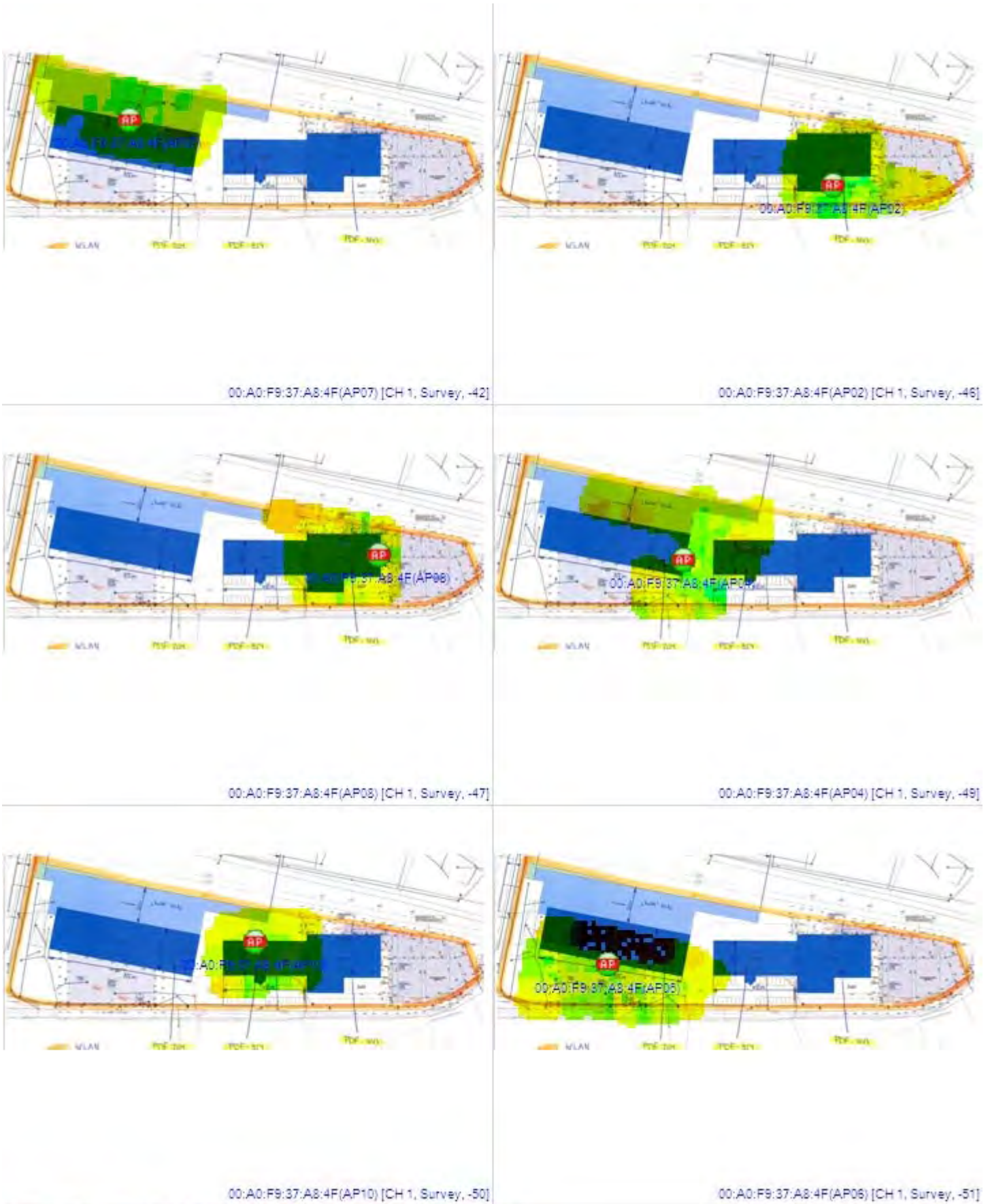
**Total AP:f** 10



# Signal Distribution

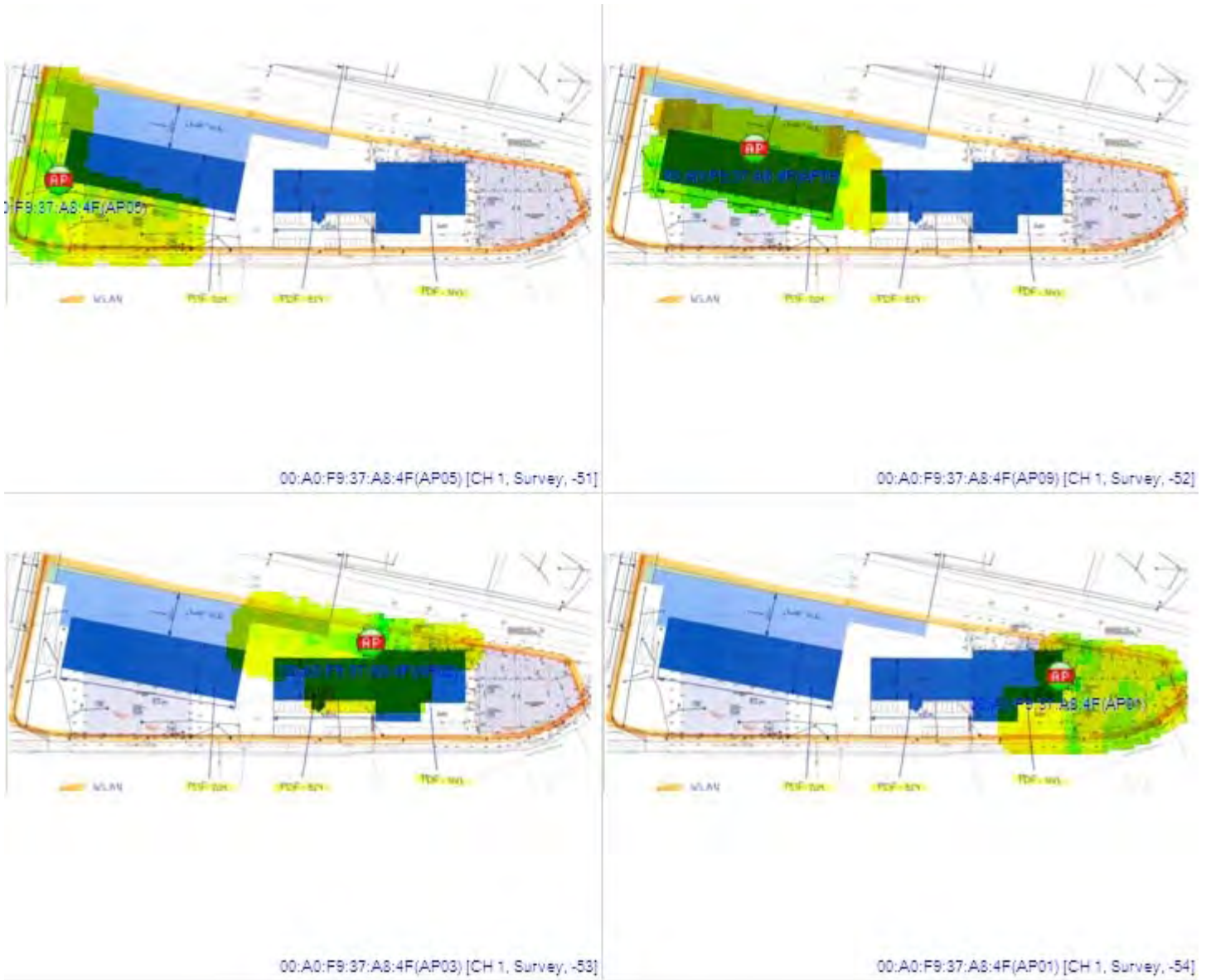


# Individual Signal Distribution

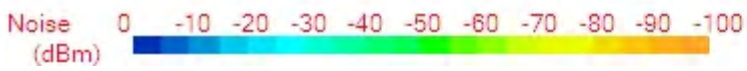
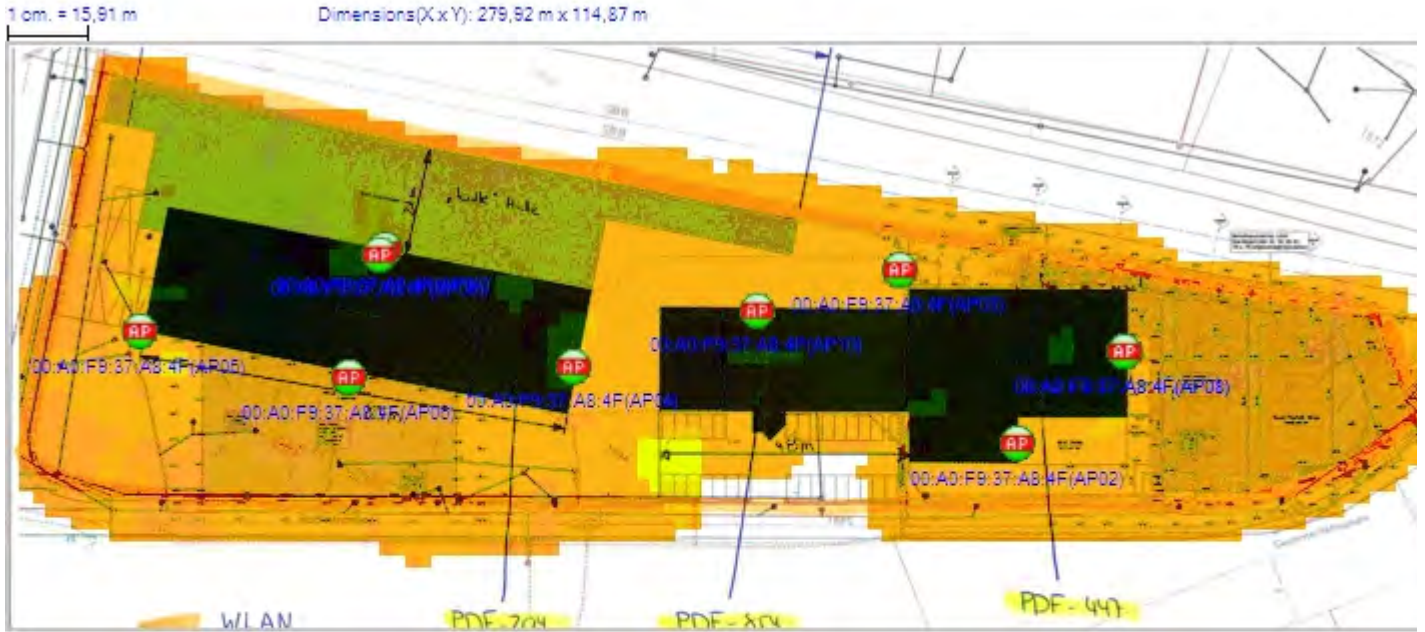




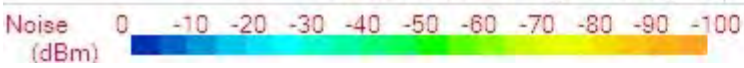
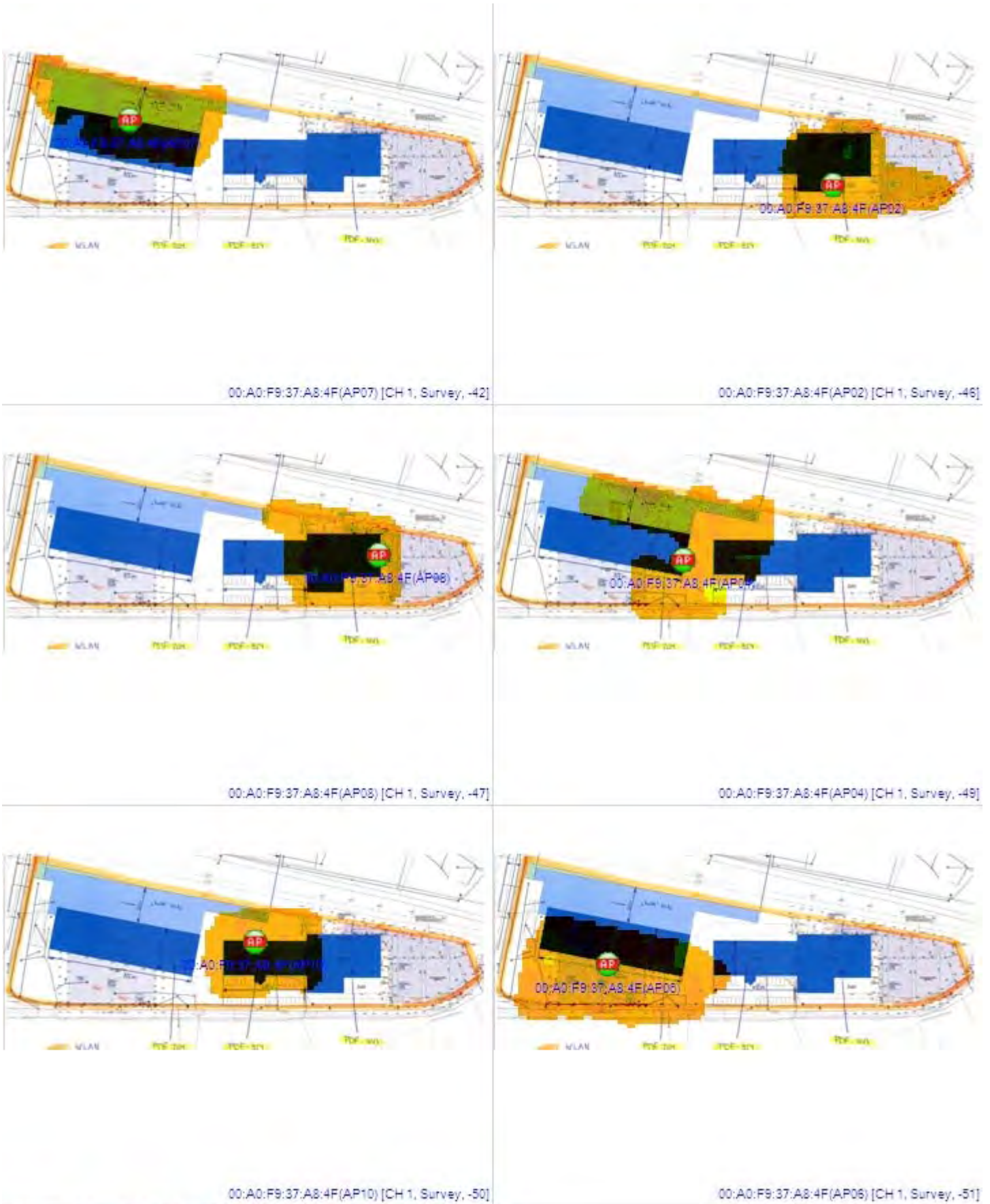
# Individual Signal Distribution



# Noise Distribution

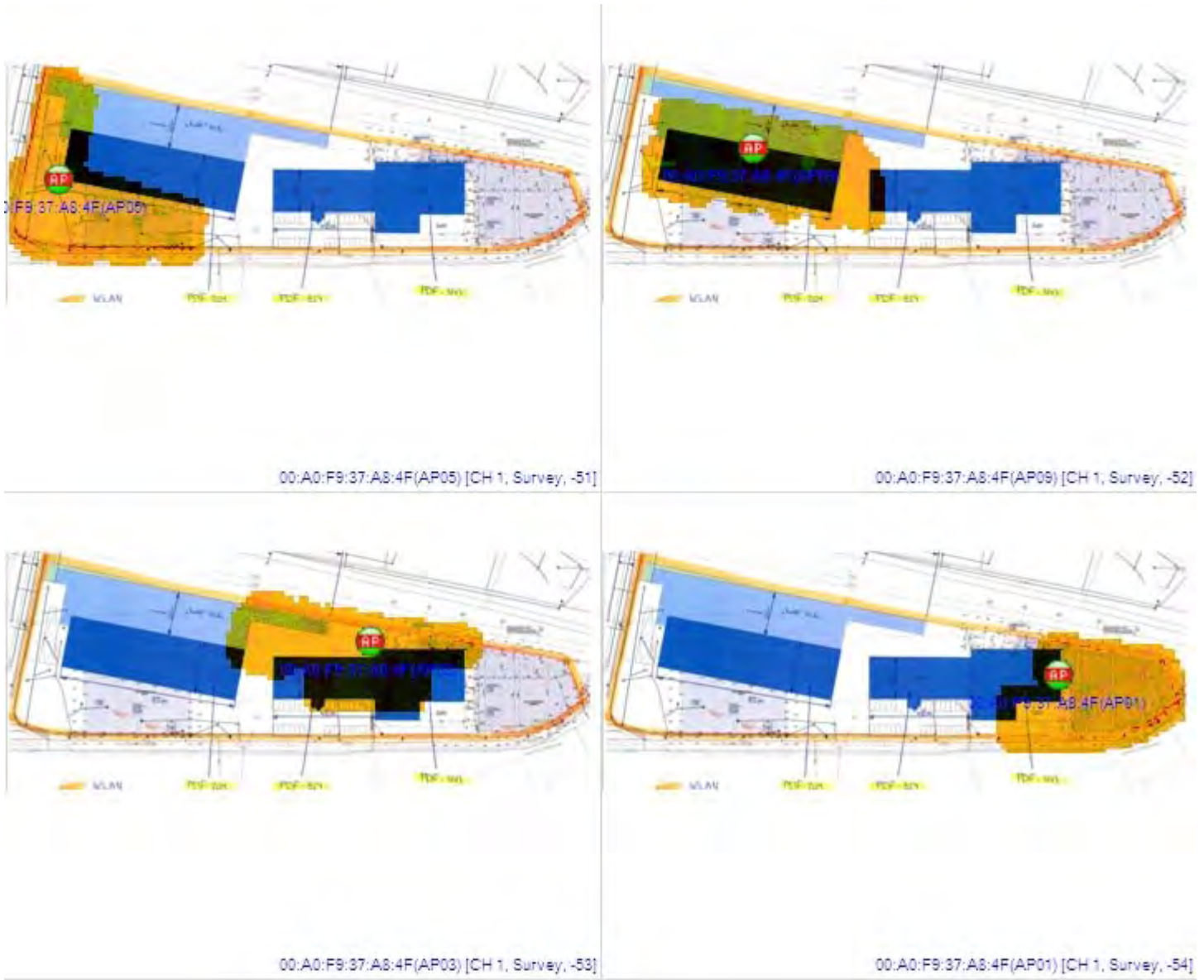


# Individual Noise Distribution



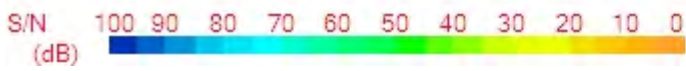
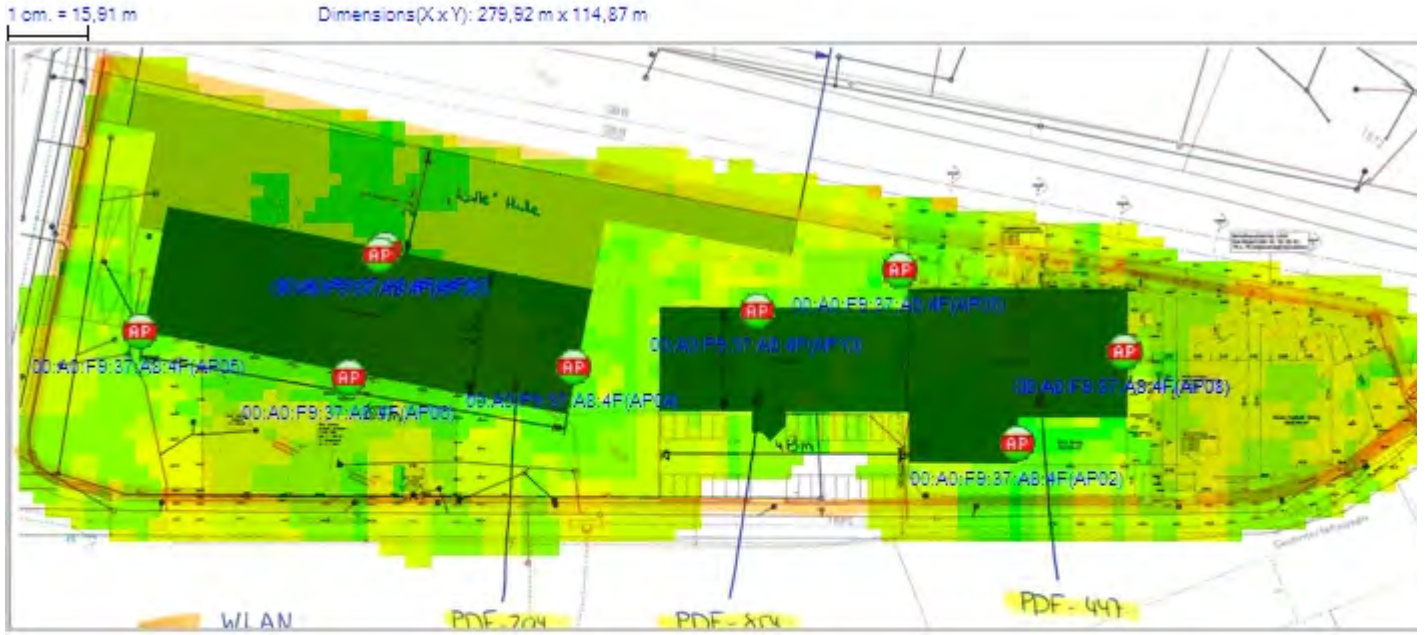


# Individual Noise Distribution

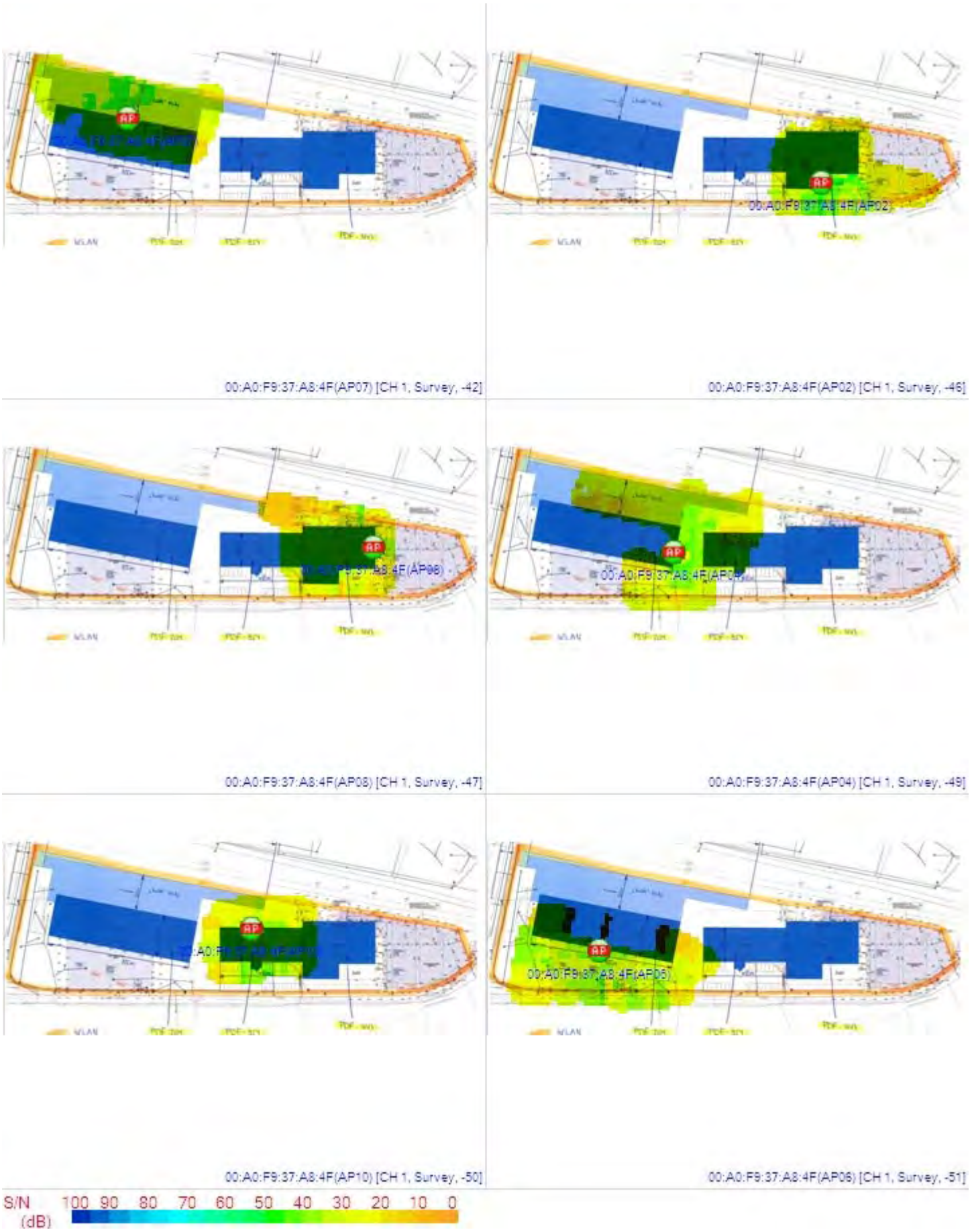




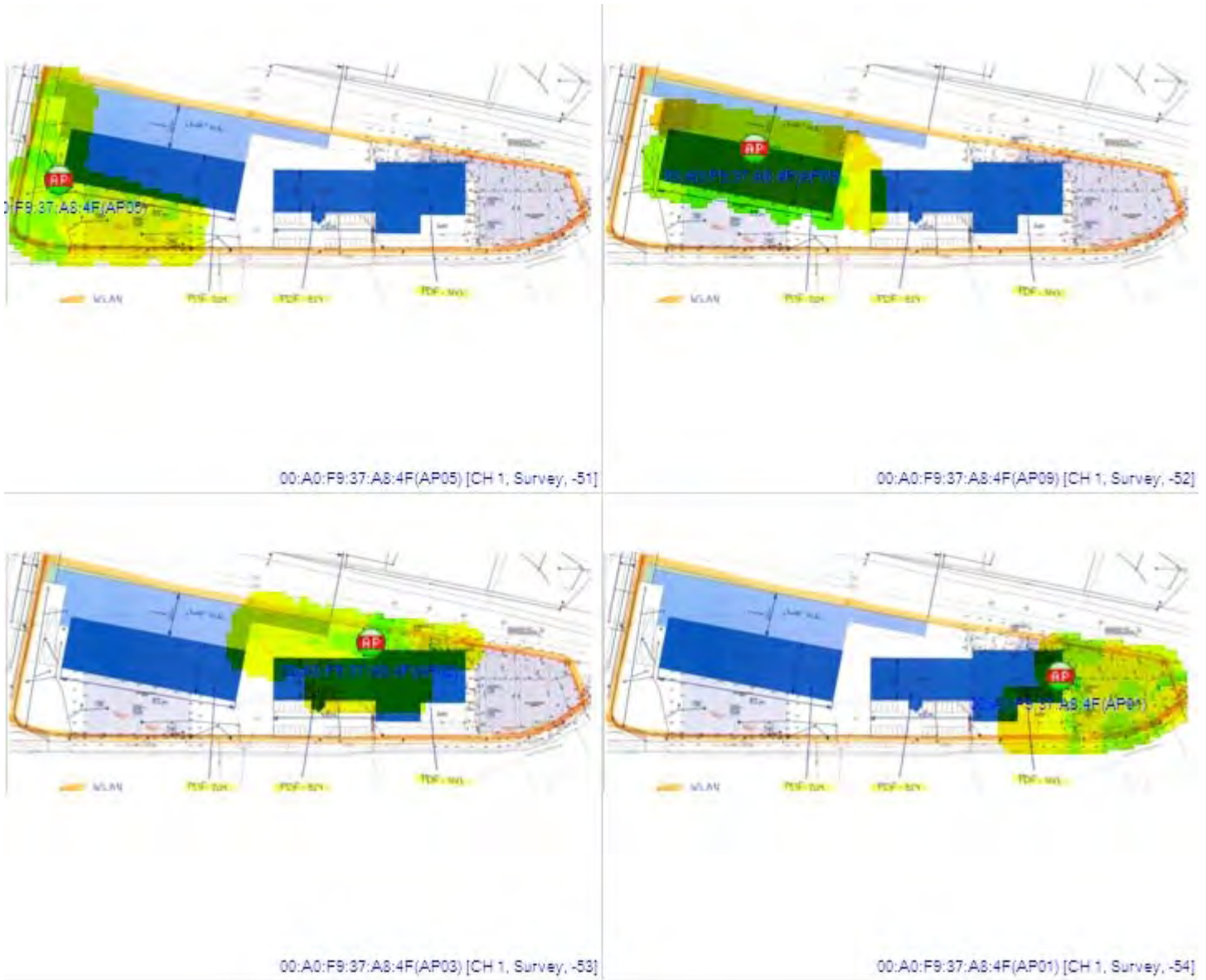
# Signal/Noise Distribution



# Individual S/N Distribution

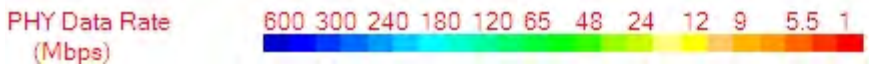
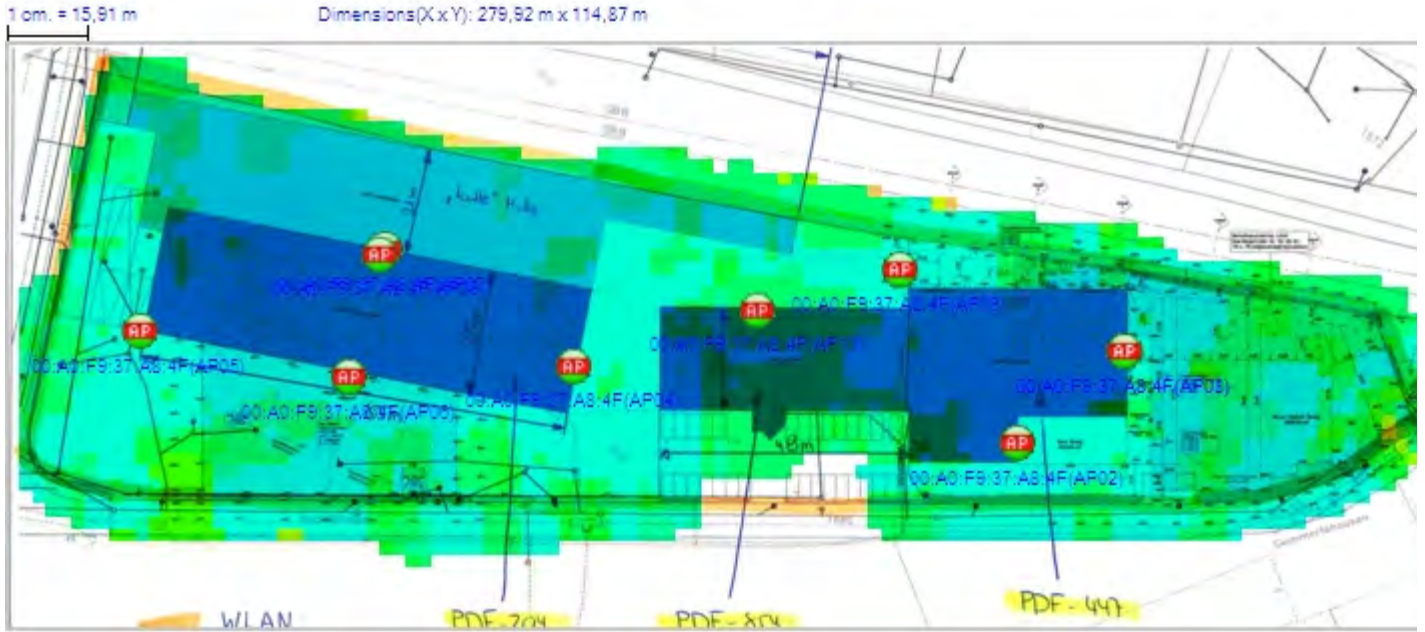


# Individual S/N Distribution



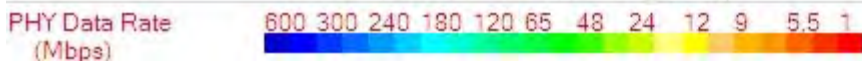
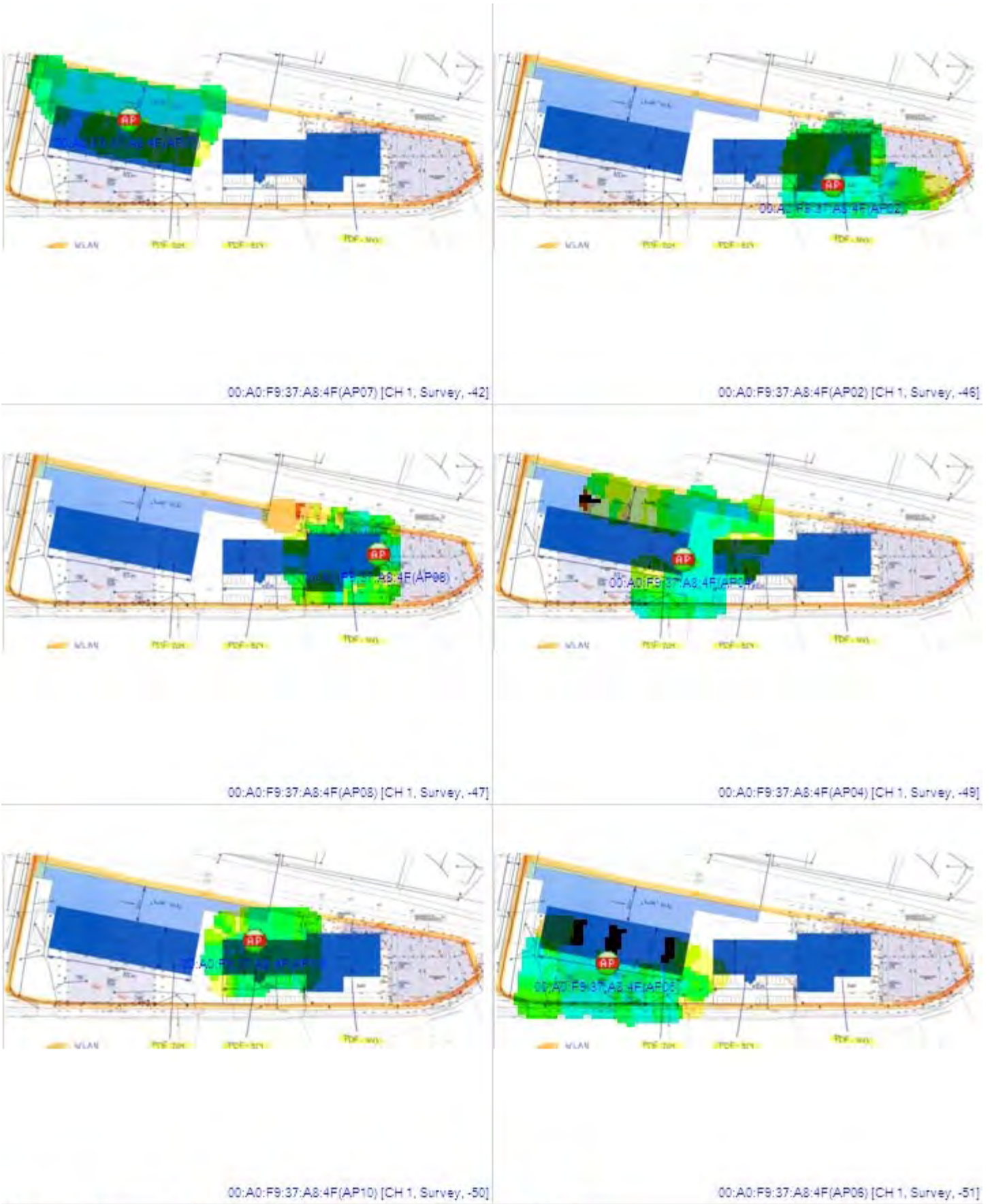


# Maximum Predictive PHY Data Rate Downlink Distribution

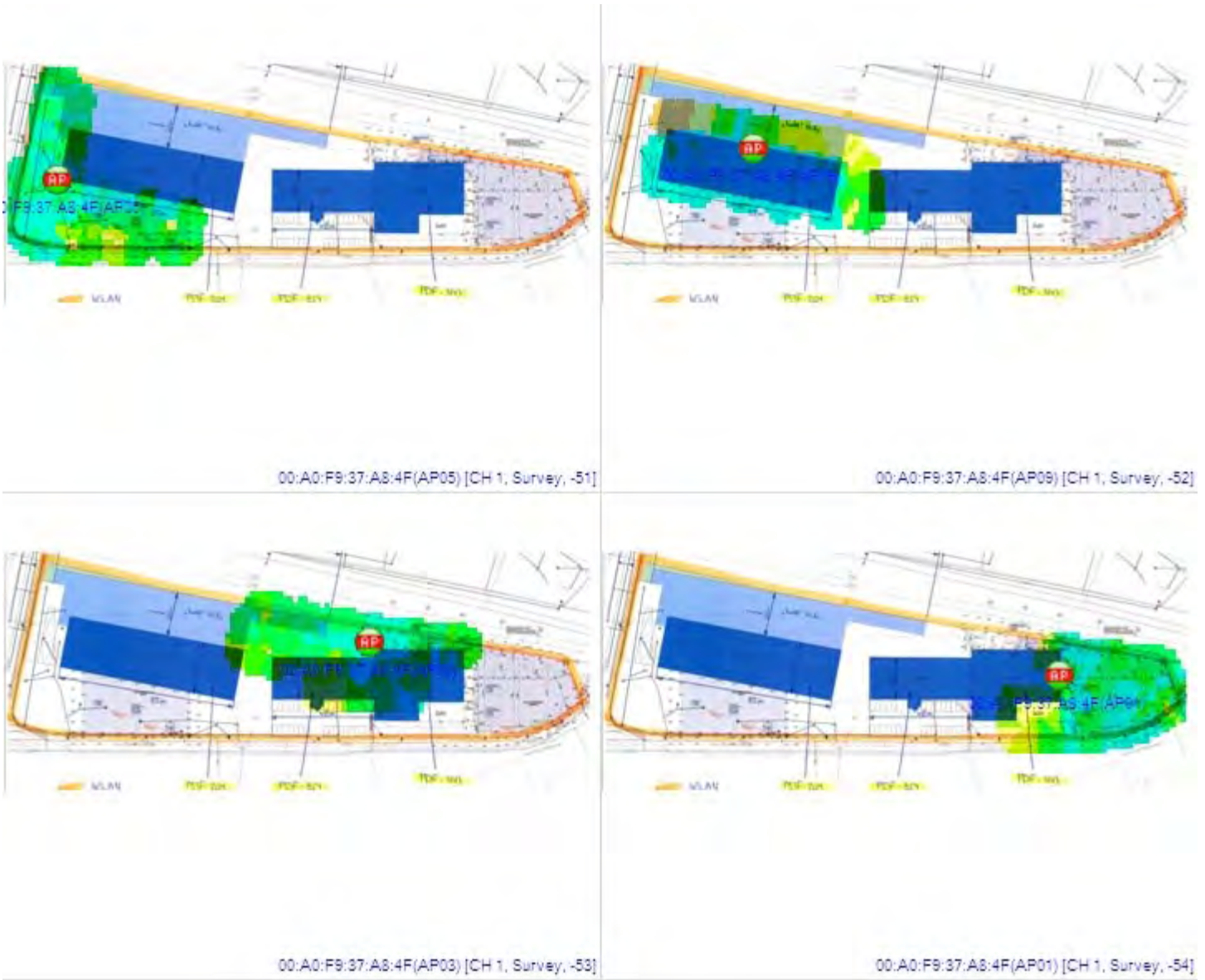




# Individual Predictive PHY Data Rate Downlink Distribution



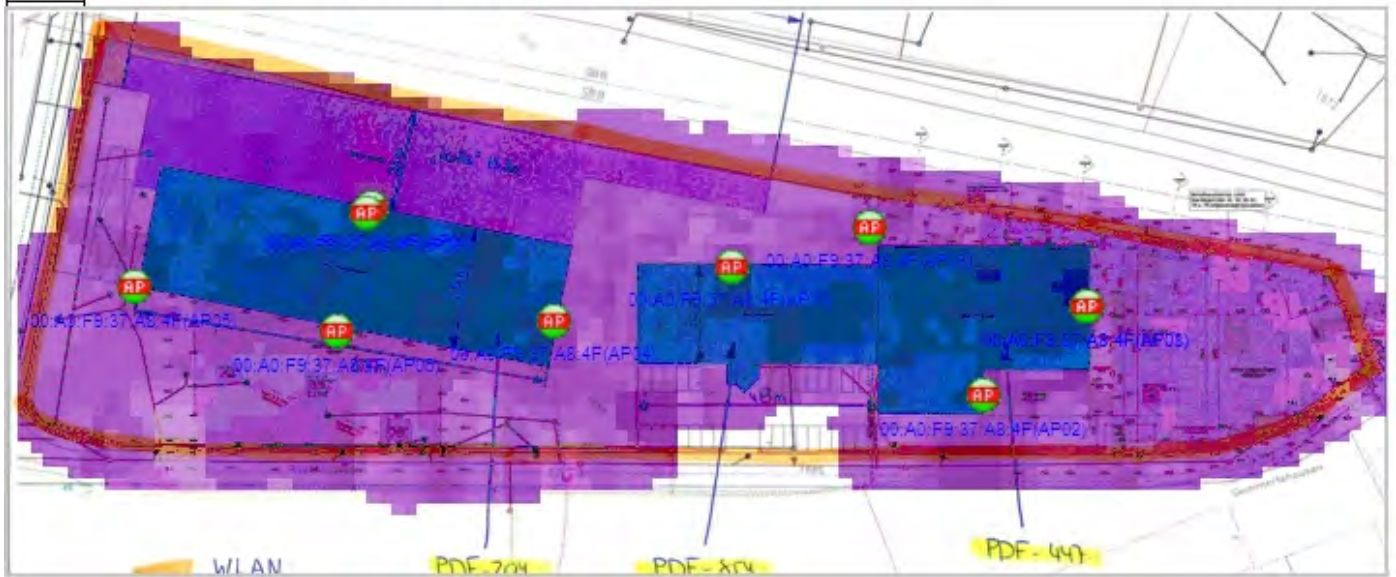
# Individual Predictive PHY Data Rate Downlink Distribution



# Operating Mode Distribution

1 cm. = 15,91 m

Dimensions(XxY): 279,92 m x 114,87 m

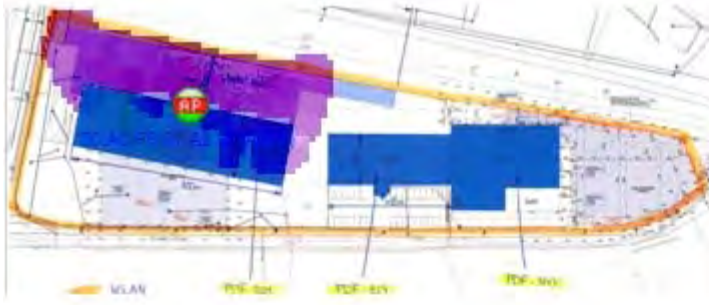


Operating Mode

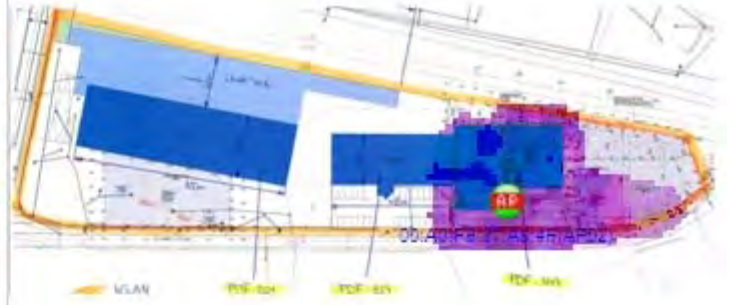
- Legacy
- Mixed HT
- Greenfield HT



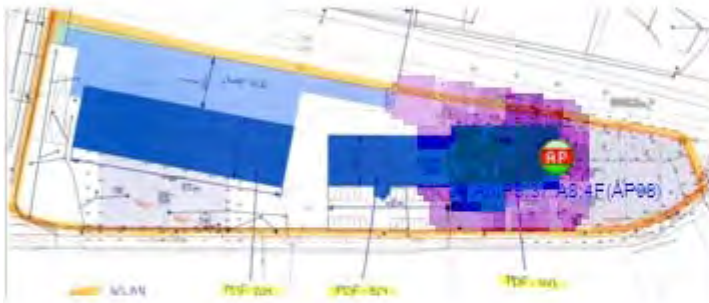
# Individual Operating Mode Distribution



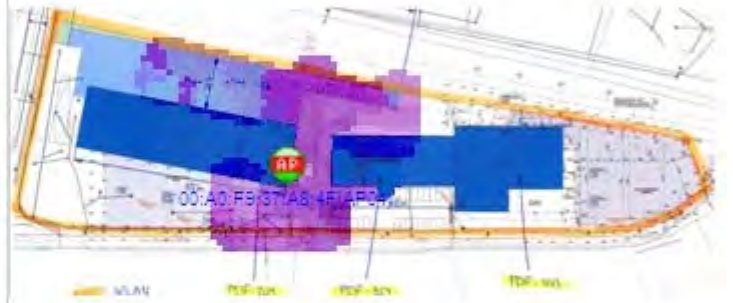
00:A0:F9:37:A8:4F(AP07) [CH 1, Survey, -42]



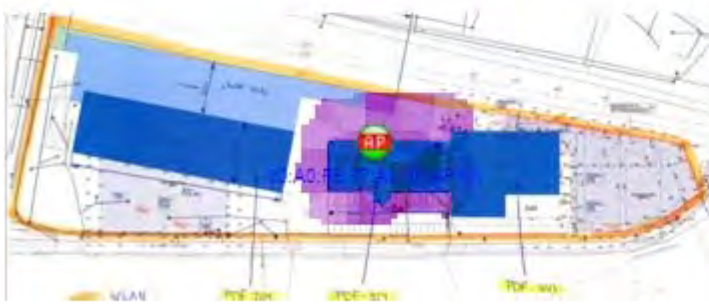
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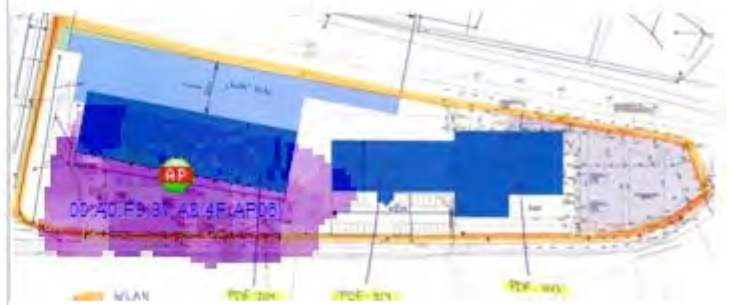
00:A0:F9:37:A8:4F(AP08) [CH 1, Survey, -47]



00:A0:F9:37:A8:4F(AP04) [CH 1, Survey, -49]



00:A0:F9:37:A8:4F(AP10) [CH 1, Survey, -50]



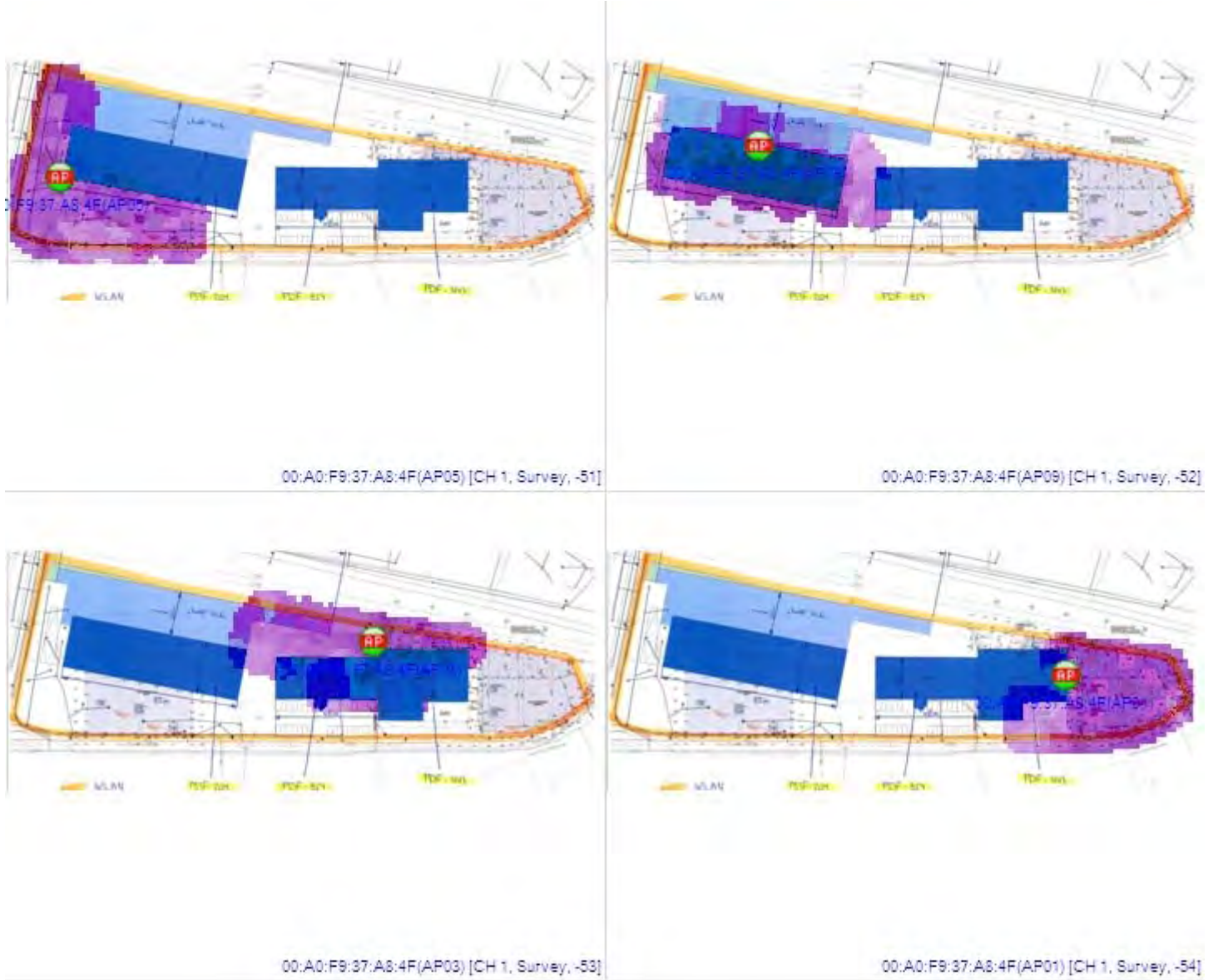
00:A0:F9:37:A8:4F(AP06) [CH 1, Survey, -51]

Operating Mode

■ Legacy	■ Mixed HT	■ Greenfield HT
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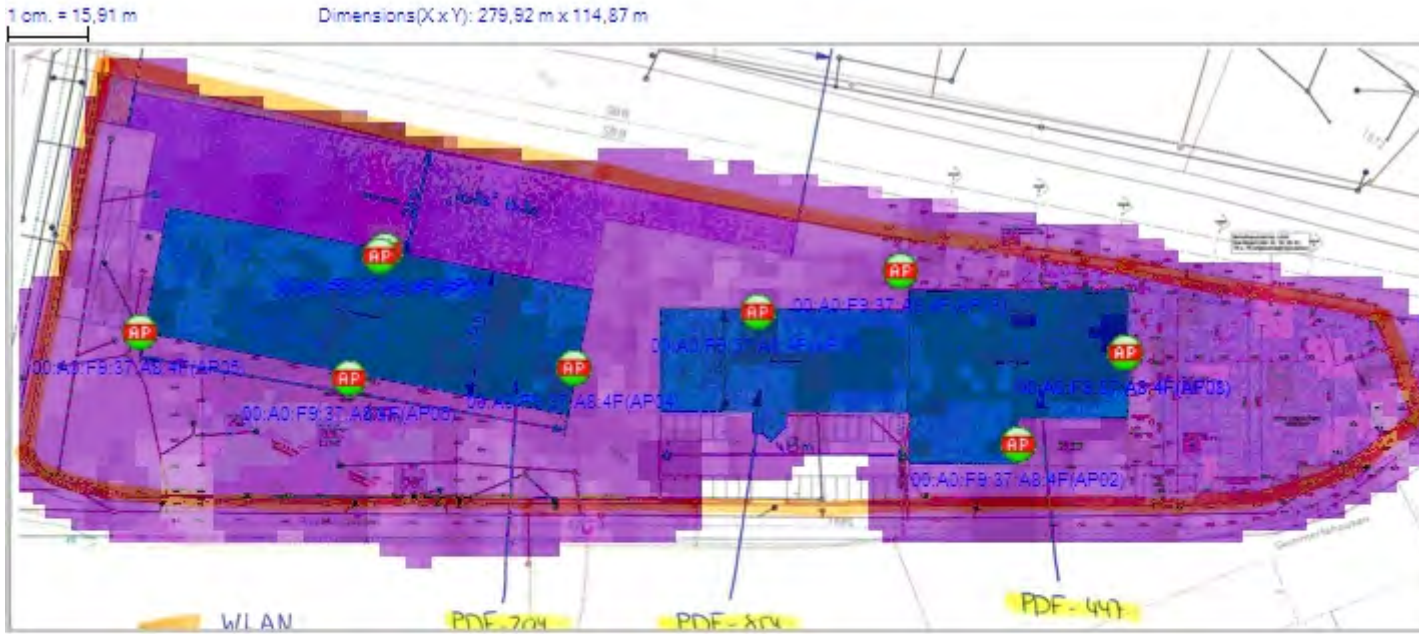
# Individual Operating Mode Distribution



Operating Mode

- Legacy
- Mixed HT
- Greenfield HT

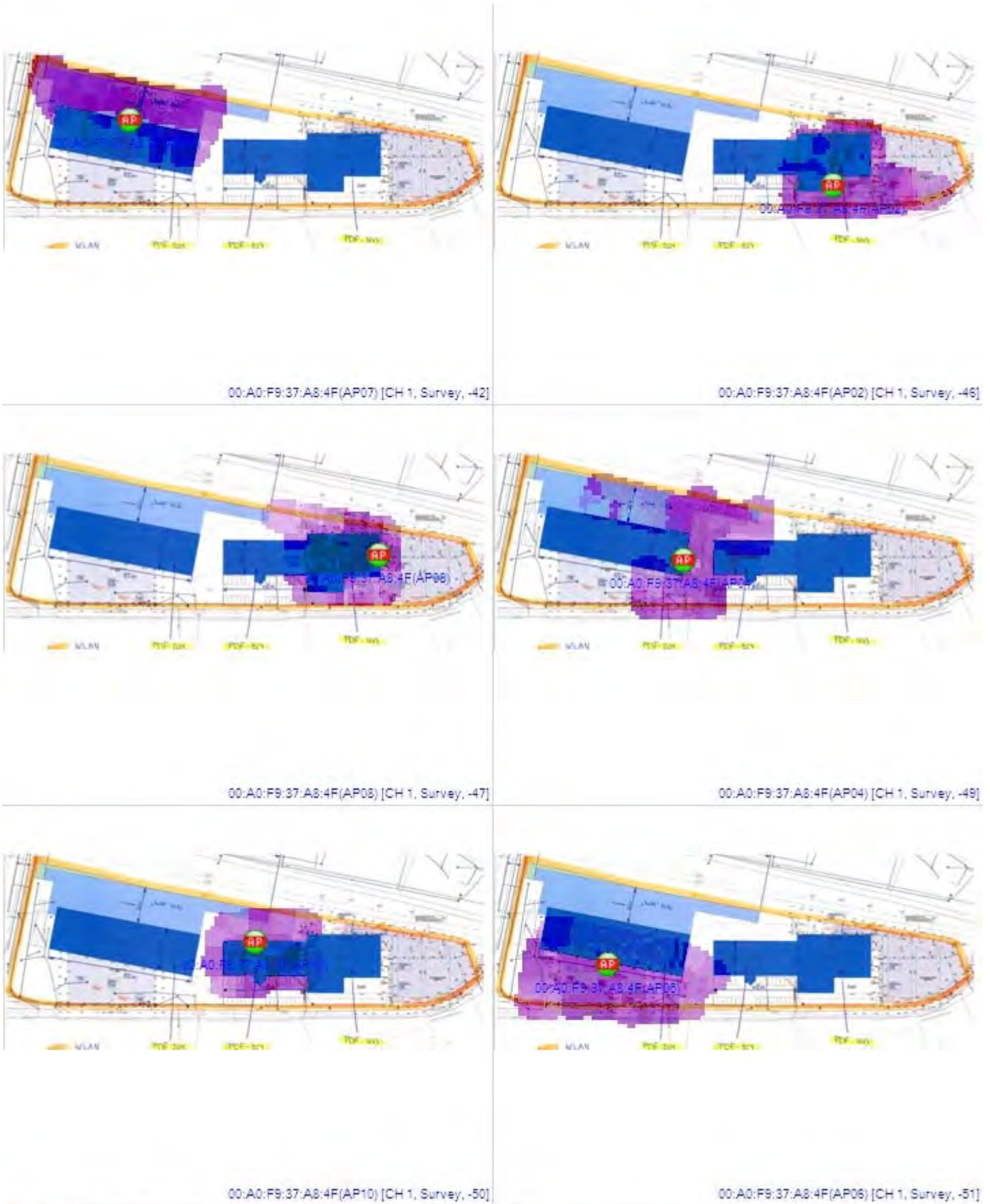
# 20/40MHz Bandwidth Distribution



20/40MHz Bandwidth

- 20 MHz (Legacy)
- 20 MHz (802.11n HT)
- 40 MHz (802.11n HT)

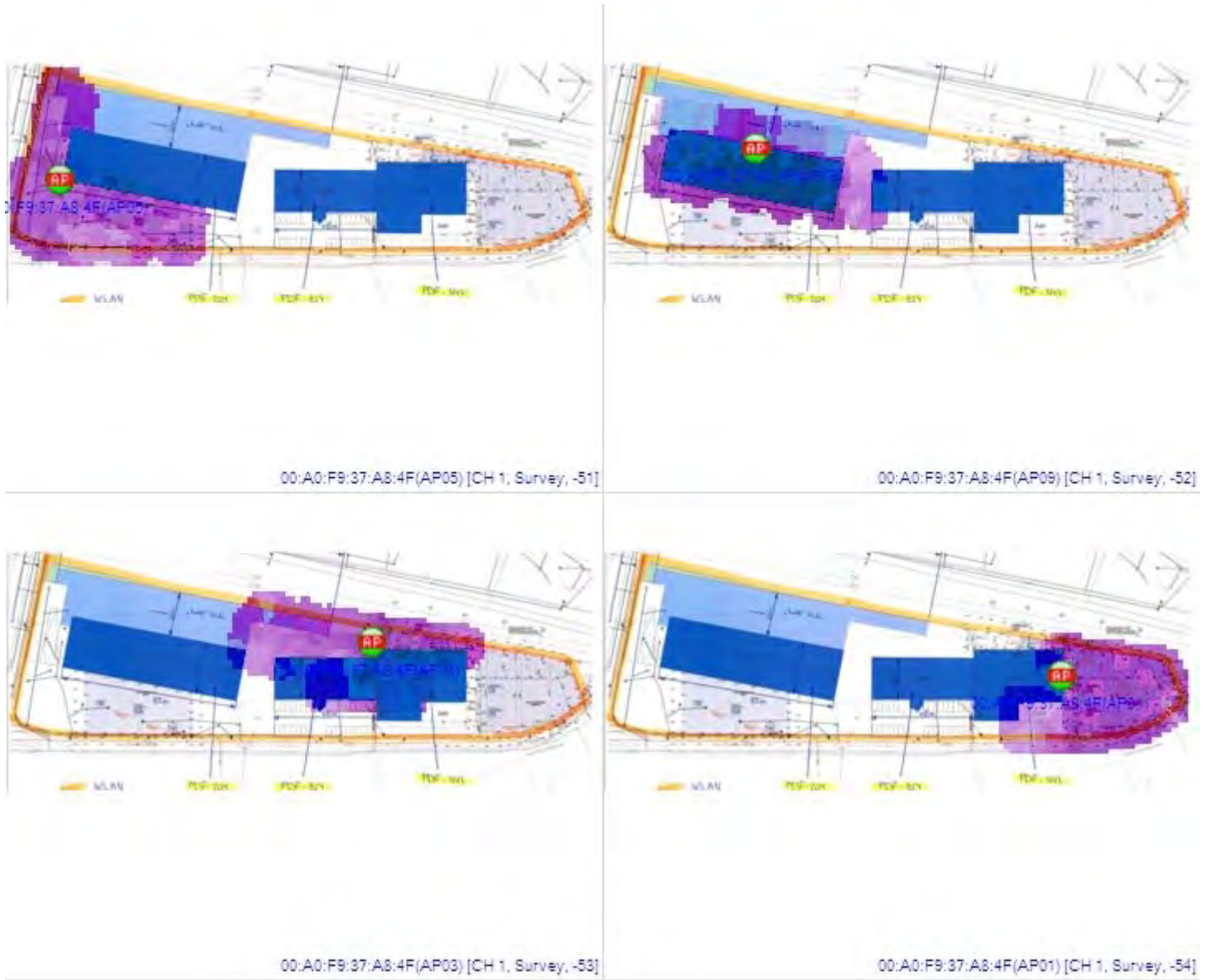
# Individual 20/40 MHz Bandwidth Distribution



20/40MHz Bandwidth ■ 20 MHz (Legacy) ■ 20 MHz (802.11n HT) ■ 40 MHz (802.11n HT)



# Individual 20/40 MHz Bandwidth Distribution



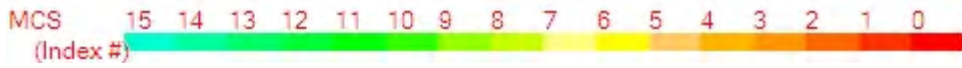
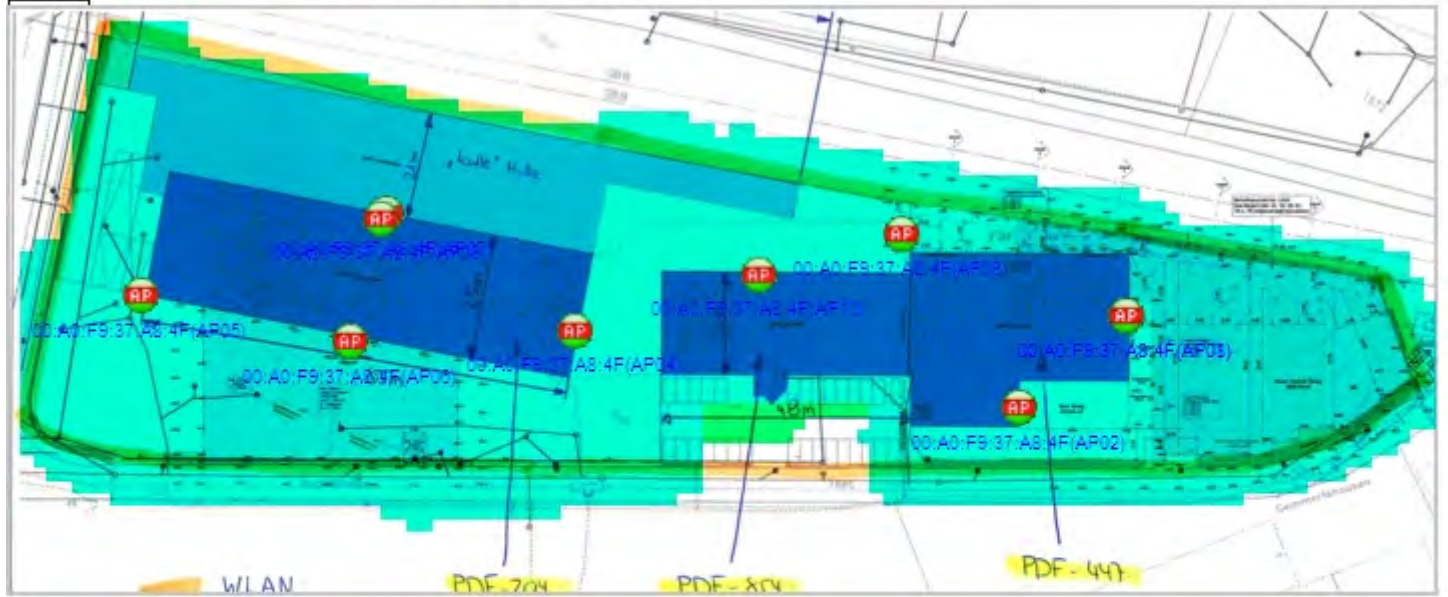
20/40MHz Bandwidth ■ 20 MHz (Legacy) ■ 20 MHz (802.11n HT) ■ 40 MHz (802.11n HT)



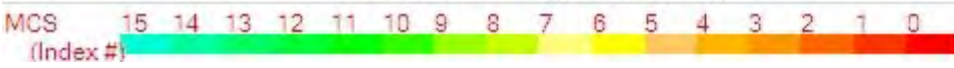
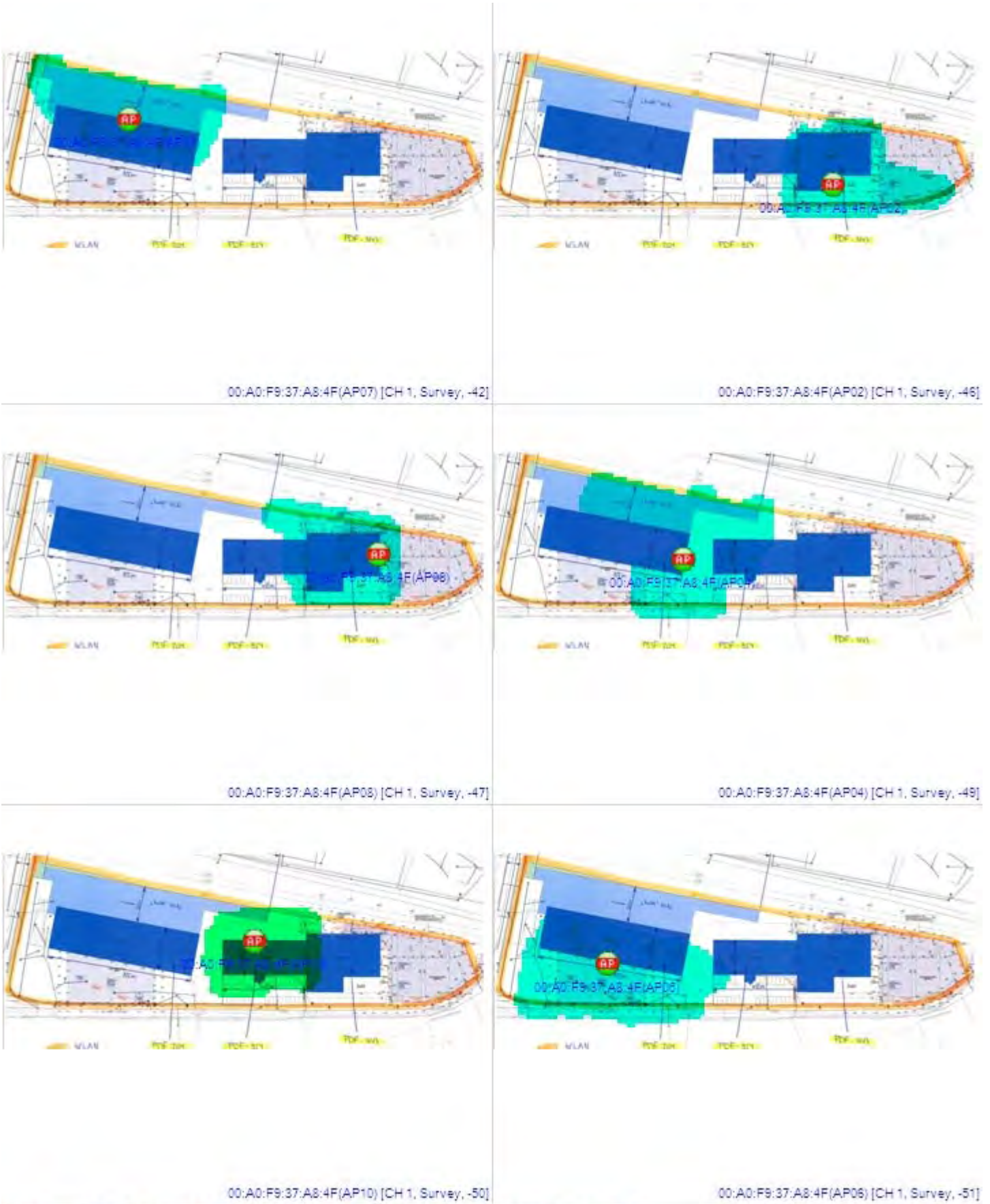
# Tx MCS Index Distribution

1 cm. = 15,91 m

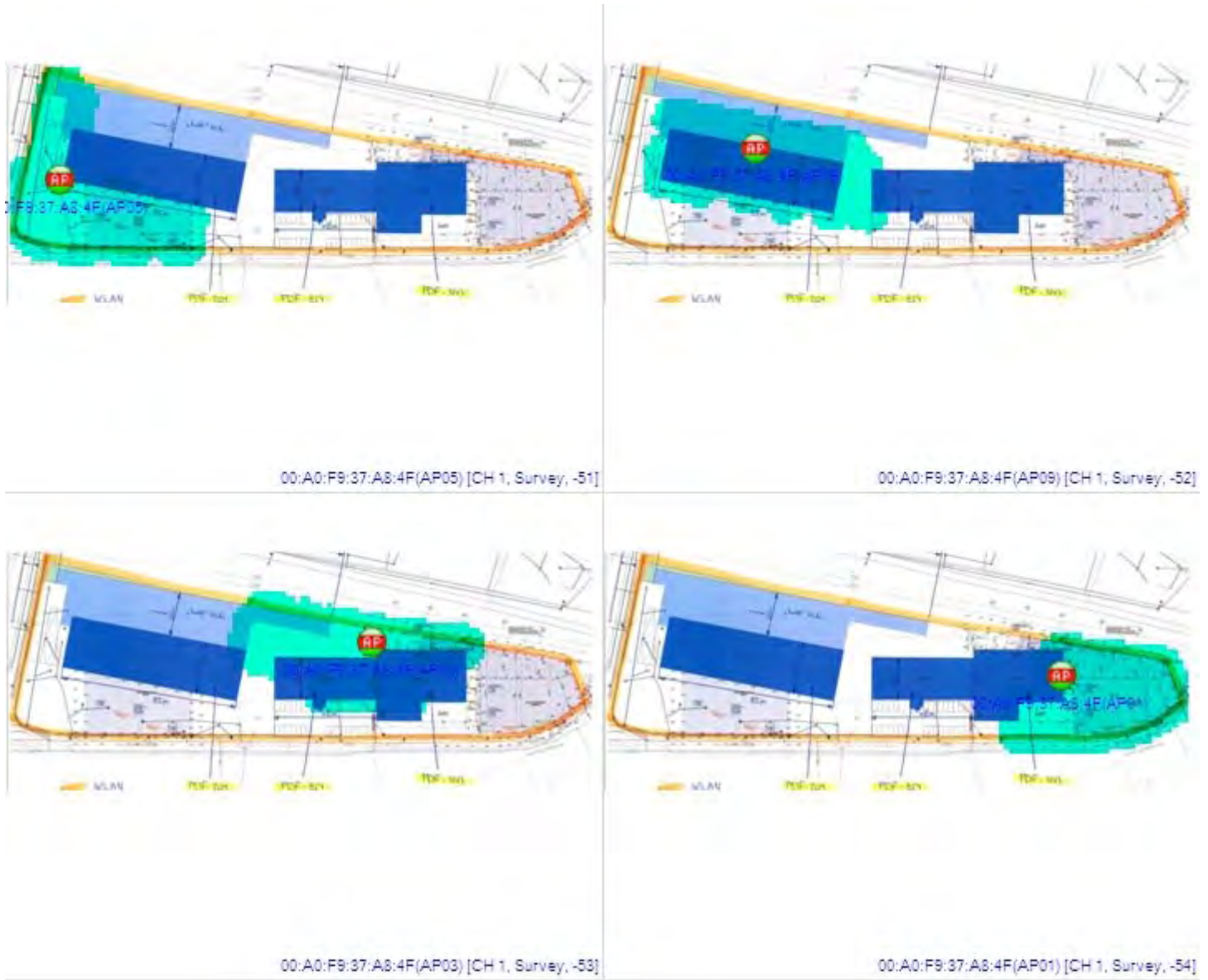
Dimensions(X x Y): 279,92 m x 114,87 m



# Individual Tx MCS Index Distribution



# Individual Tx MCS Index Distribution

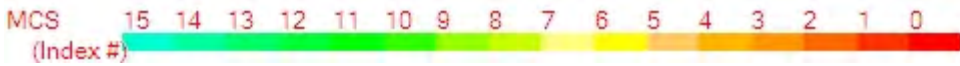
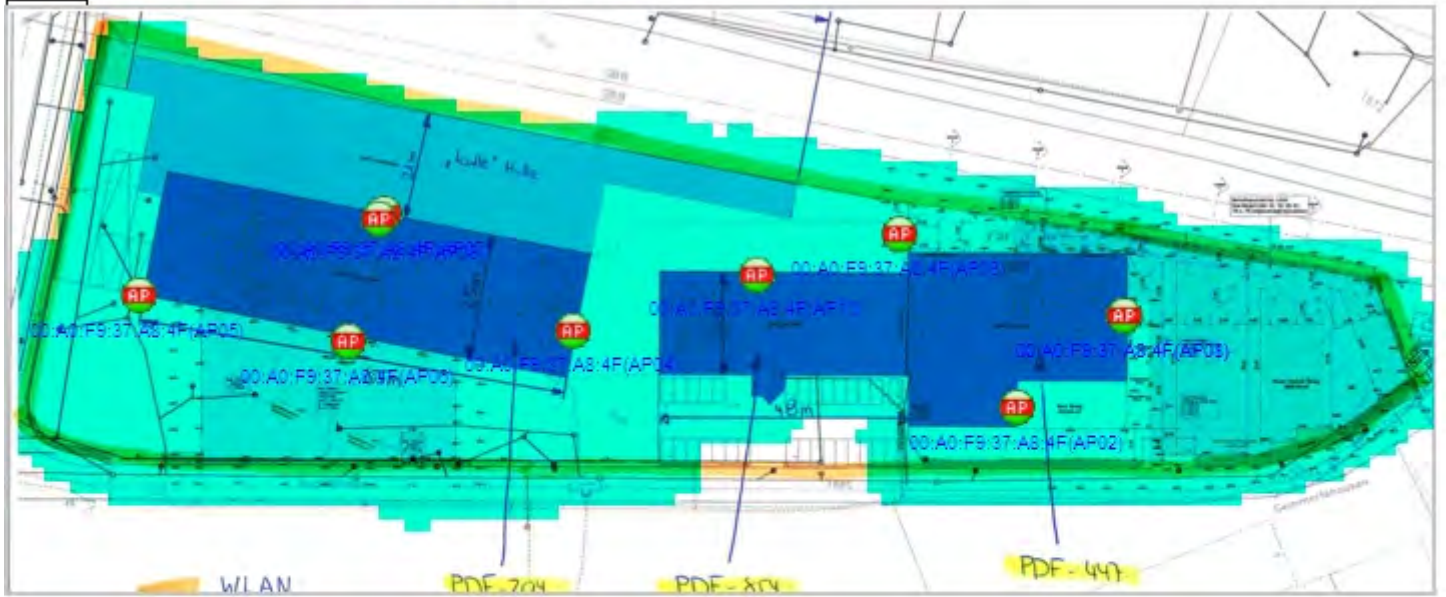




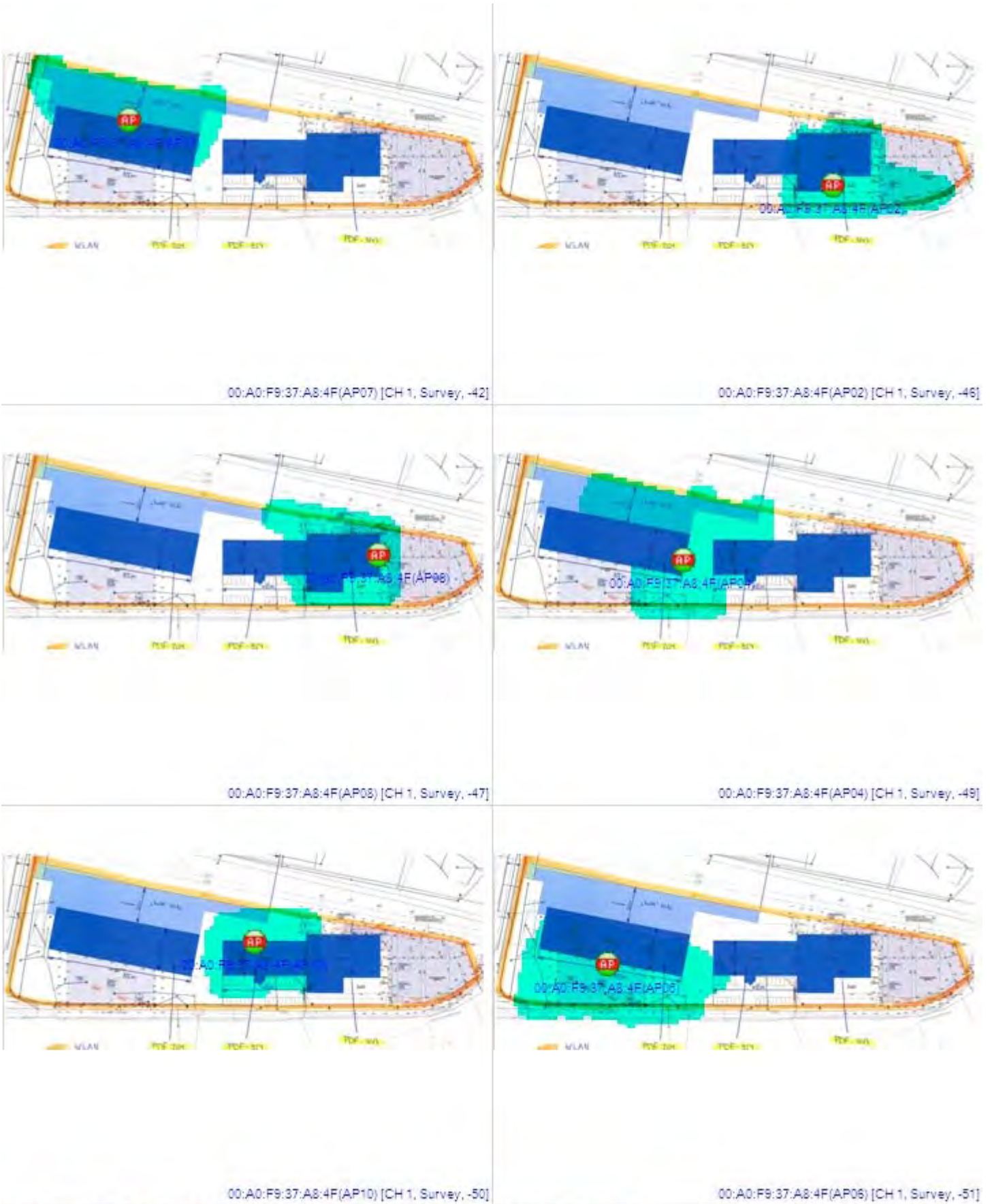
# Rx MCS Index Distribution

1 cm. = 15,91 m

Dimensions(X x Y): 279,92 m x 114,87 m



# Individual Rx MCS Index Distribution



# Individual Rx MCS Index Distribution

